422IHSSF3125



DocumentID

NONCD0002902

Site Name

R.L. STOWE MILLS (FRMR CHRONICLE MILLS)

DocumentType

Site Assessment Rpt (SAR)

RptSegment

1

DocDate

6/6/2012

DocRcvd

6/19/2012

Вох

SF3125

AccessLevel

PUBLIC

Division

WASTE MANAGEMENT

Section

SUPERFUND

Program

IHS (IHS)

DocCat

FACILITY

June 6, 2012

Excel Environmental Associates, PLLC

RE:

Principal Engineer

Post Office Box 6172 Gastonia, NC 28056-6000 Telephone 704.853.0800 Facsimile 704.853.3949

RECEIVED

JUN 1 9 2012

LETTER OF TRANSMITTAL

NCDENR MRO IHSB TO: Mr. Miguel Alvalle

NCDENR / DWM / Superfund Section Inactive Hazardous Sites Branch 610 East Center Avenue, Ste 301 Mooresville, North Carolina 28115 Former Chronicle Mills 96 East Catawba Street Belmont, North Carolina Excel Project No. 2011085

NO. COPIES	DATE	DESCRIPTION
1	6/6/2012	Limited Groundwater Assessme Soil Clean-up Report
THESE ARE TRANSMITTED For approval		your use
As requested _		review
COMMENTS:		
Enclosed please find the refer facility in Belmont, NC. The Any questions, please call.		

CC: Ed Sanz, RLS Liquidating, LLC

LIMITED GROUNDWATER ASSESSMENT & SOIL CLEAN-UP REPORT

(Former) Chronicle Mills Plant 96 East Catawba Street Belmont, North Carolina Excel Project No. 2011085

Prepared for:

Mr. Ed Sanz RLS Liquidating, LLC Post Office Box 651 Belmont, North Carolina 28012

RECEIVED

June 6, 2012

JUN 1 9 2012

NCDENR MRO IHSB

Prepared by:



Excel Civil & Environmental Associates, PLLC

Post Office Box 6172 Gastonia, NC 28056-6000 Telephone: 704.853.0800 Facsimile: 704.853.3949

625 Huntsman Court Gastonia, North Carolina 28054 NC License No. P-0129 Telephone: (704) 853-0800

Facsimile: (704) 853-3949 Internet: www.excelengr.com RECEIVED

JUN 1 9 2012

NCDENR MRO IHSB

June 6, 2012

Mr. Ed Sanz RLS Liquidating, LLC Post Office Box 651 Belmont, North Carolina 28012

Re: Limited Groundwater Assessment & Soil Clean-up Report

(Former) Chronicle Mills 96 East Catawba Street Belmont, North Carolina Excel Project Number **2011085**

Dear Mr. Sanz:

Excel Civil & Environmental Associates, PLLC (Excel) has completed a Limited Groundwater Assessment & Soil Clean-up Report for the above referenced property. The assessment and remediation activities included the installation of four (4) Type II Monitoring Wells, excavation and disposal of approximately 72.95-tons of contaminated soils and associated laboratory analysis of soil and groundwater samples. The activities were performed during March - April 2012 and were performed in accordance with proposed scope-of-work issued by Excel on March 9, 2012.

Expanded Phase I Summary

The subject property (Parcel ID No. 125928) is currently a vacant warehouse facility previously utilized for industrial purposes in the manufacturing of textiles. The site is currently occupied with multiple structures totaling approximately 108,000-square feet (sf) in size with associated asphalt and concrete parking/drive areas. Additional auxiliary structures were observed onsite at the time of the site visit including seven electrical transformers and multiple concrete pads. Remaining sections of the subject property were undeveloped, being mostly cleared with grass and landscaped areas surrounding the main building.

During the site inspection conducted on February 8, 2012, Excel observed significant surface staining on a concrete pad located off the southern building exterior within the area of the former Machine Shop. A mechanical room was observed to be located in the southern section of the building which appeared to formerly contained chillers, air/moisture control units,

electrical components and fire service lines. Located within this area were multiple insulated pipe runs which service various areas of the building and contain confirmed asbestos containing materials (ACMs). Three pad-mounted electrical transformers were observed to be located on the southern section of the building exterior. In addition, at least seven (7) electrical transformers were observed on various locations of the building exterior walls and one (1) within the southern auxiliary building interior on a wooden pallet. Significant surface staining was observed on a concrete pad located off the southern building exterior within the area of the former Machine Shop. In addition, a water supply well was observed to be located on the southern section of the property; currently it appears to be inactive.

Expanded Phase I Assessment Summary

As requested, Excel mobilized to the site on February 8, 2012 to complete two (2) soil borings and one (1) temporary monitoring well to assess the underlying soil and groundwater conditions within the area of the stained concrete pad and former "Machine Shop Area". In addition, the onsite water supply well was sampled to evaluate potential impact to the sensitive receptor with an attempt to sample onsite monitoring wells installed in regards to an offsite LUST incident.

Utilizing an Earthprobe® truck-mounted drill-rig, Excel installed one (1) temporary monitoring well (TMW-1) on the east-side of the stained concrete pad located adjacent to the former "Machine Shop Area". Soil samples were collected during the installation of TMW-1 at 5-feet below grade level (fbgl) and 10-fbgl for laboratory analysis. An additional soil sample was collected with a hand-auger on the west side of the concrete pad at 5-fbgl. The well was installed to a terminal depth of approximately 30-feet below grade level (fbgl) utilizing solid-stem auger drilling technique and constructed of 10-feet of two inch diameter PVC well screen and 30-feet of two inch diameter well casing. Groundwater was observed to be located on average at approximately 21-fbgl. Monitoring wells MW-9 and MW-11 related to NCDENR Incident No. 14196 were observed to be abandoned; therefore samples were not collected from these locations.

Soil samples collected during the Expanded Phase I Assessment activities were analyzed for Total Petroleum Hydrocarbons (TPH) both Diesel and Gasoline Range Organics (DRO and GRO, respectively) by EPA Methods 3550 and 5030, respectively. Soil samples were placed in laboratory supplied containers and submitted to Shealy Environmental Services, Incorporated (SESI) of West Columbia, South Carolina for the afore-mentioned analysis. A summary of the soil laboratory analysis is as follows:

Table 1 - Expanded Phase Soil Analytical Summary									
Sample ID	Date Collected	Depth	TPH-DRO (mg/kg)	TPH-GRO (mg/kg)					
B-1 / SS-1		5-fbgl	27	87					
B-1 / SS-2	2/8/12	10-fbgl	< 8.9	9.1					
B-2		5-fbgl	840	21					
	NCDENR Action Level (mg/kg)		40	10					

Review of the soil analytical data confirms samples collected from B-1/SS-1 and B-2 contain levels of petroleum hydrocarbons which exceed the North Carolina Department of Environment and Natural Resources (NCDENR) Action Levels for TPH-DRO and/or TPH-GRO (refer to **Table 1**) of 40 mg/kg and 10 mg/kg. DRO levels were found to range from below laboratory detection limits (BDL) to 840 mg/kg and GRO levels ranging from 9.1 mg/kg to 87 mg/kg.

Groundwater samples collected were collected from the temporary monitoring well TMW-1 and the onsite water supply well SW-1 and laboratory analyzed for volatile organic compounds (VOCs) by EPA Method 8260. Groundwater samples were placed in laboratory supplied containers and submitted to SESI for the afore-mentioned analysis. A summary of the groundwater laboratory analysis is as follows:

	Table 2 - Expande	d Phase I Groundw	ater Analytical Summary		
Sample ID	Date Collected	Depth to Groundwater	cis-1,2-Dichloroethene (ug/L)	Tetrachloroethene (ug/L)	
TMW-1	2/0/12	22.00-fbgl	2.2	7	
SW-1	2/8/12	20.80-fbgl	< 1	< 1	
	NCDENR 2L St	andard (ug/L)	70	0.7	

Review of groundwater sample data collected from temporary monitoring well (TMW-1) indicates the presence of tetrachloroethene (PCE) at a level of 7.0 ug/L which exceeds the NCDENR Drinking Water Standard (NCAC 2L Standard) of 0.7 ug/L (refer to **Table 2**). Samples collected from the water supply well were found to be BDL for all constituents.

Limited Field Activities & Testing Summary

As recommended, Excel mobilized to the site on March 26, 2012 to complete four (4) Type II monitoring wells, MW-1 thru MW-4, to assess the underlying soil and groundwater conditions along the front and rear of the subject building (refer to **Figure 2**). Monitoring wells MW-1 thru MW-4 were installed to a terminal depth of approximately 30-feet below grade level (fbgl) utilizing solid-stem auger drilling technique and constructed of 15-feet of 2"-diameter PVC well screen and 15-feet of 2"-diameter well casing.

In order to assess shallow soil conditions at each of the four monitoring well locations, one soil sample was collected during the installation of each monitoring well from approximately 5-fbgl and placed into the appropriate laboratory containers and sent to Shealy Environmental Services, Incorporated (Shealy) a North Carolina certified laboratory to be analyzed for volatile organics by EPA Method 8260.

On March 27, 2012 Excel collected groundwater samples from each of the newly installed wells. Prior to sampling static water levels were collected and each well purged of a minimum of three well volumes. The liquid level data collected was utilized to complete a water table contour map (refer to **Figure 3**) to illustrate groundwater flow direction. The groundwater samples were placed into laboratory supplied containers and sent to Shealy a North Carolina certified laboratory to be analyzed for volatile organics by EPA Method 8260.

Review of the soil analytical data indicates only one soil sample collected from MW-1 contained levels of naphthalene which exceed the North Carolina Department of Environment and Natural Resources (NCDENR) Soil-to-Water Maximum Soil Contaminant Concentration (MSCCs) Levels (refer to **Table 3** and **Figure 2**) of 0.16 mg/kg. None of the remaining soil samples indicated any constituents which exceeded the above-mentioned standard, furthermore no samples were found to contain any elevated levels of tetrachloroethene as to indicate the potential source of the groundwater contamination. A summary of the soil laboratory analysis is as follows:

Table 3 - Limited Assessment Soil Analytical Summary									
Sample ID	Date Collected	Depth	Naphthalene (mg/kg)	Tetrachloroethene (mg/kg)					
MW-1 / SS-1			0.42	< 0.0069					
MW-2 / SS-1	2/26/42	- 0	< 0.32	< 0.0055					
MW-3 / SS-1	3/26/12	5-fbgl	0.081	< 0.0051					
MW-4 / SS-1			0.0062	< 0.0056					
	Soil-to-Water MSCCs (mg/kg)		0.16	0.0074					

Groundwater samples collected from monitoring wells MW-2, MW-3 and MW-4 indicates the presence of tetrachloroethene (PCE) at levels ranging from 8.7 ug/L to 59 ug/L which exceeds the NCDENR Drinking Water Standard (NCAC 2L Standard) of 0.7 ug/L (refer to **Table 4** and **Figure 4**). Samples collected from the water supply well were found to be BDL for all constituents. A summary of the groundwater laboratory analysis is as follows:

Table 4 - Limited Assessment Groundwater Analytical Summary									
Sample ID	Date Collected	Depth to Groundwater	Naphthalene (ug/L)	Tetrachloroethene (ug/L)					
MW-1		22.55-fbgl	< 1	< 1					
MW-2	2/27/12	24.25-fbgl	2.2	29					
MW-3	3/27/12	24.81-fbgl	28	8.7					
MW-4		23.00-fbgl	47	59					
	NCDENR 2L Standard (ug/L)			0.7					

Soil Cleanup Activities

On March 26, 2012, Excel contracted with Harvest Environmental Service, Incorporated (Harvest) of Charlotte, North Carolina for the removal of impacted soils at the location of borings B-1 and B-2 (refer to **Figure 5**). A total of 68.99-tons of impacted soils were removed from the designated location and transported for disposal to Environmental Soils, Incorporated in Lattimore, North Carolina (refer to **Appendix C** for manifests). Following excavation activities soil samples were collected from the base of the excavation at approximately 10-fbgl and from each of the four sidewalls at approximately 5-fbgl. The samples were placed into the appropriate laboratory containers and sent to a North Carolina certified laboratory to be analyzed for Total Petroleum Hydrocarbons (TPH) both Diesel Range Organics (DRO) and Gasoline Range Organics (GRO) by EPA Methods 3550C/8015C and 5030B/8015C, respectively.

Review of the laboratory data indicated one soil sample from the west sidewall (WSW) revealed TPH-GRO levels which exceeded the NCDENR action level of 10-mg/kg at 15-mg/kg (refer to **Table 5** and **Figure 5** for sample locations). The remaining soil samples were found to be below laboratory detection limits for all analysis.

Excel mobilized to the site again on May 1, 2012 for removal of the remaining impacted soils from the west sidewall. A total of 3.96-tons of soils were removed from the west sidewall and transported for disposal to Environmental Soils, Incorporated in Lattimore, North Carolina. One soil sample was collected from the newly exposed west sidewall (WSW-2) and placed into the appropriate laboratory containers and sent to a North Carolina certified laboratory to be analyzed for Total Petroleum Hydrocarbons (TPH) Gasoline Range Organics (GRO) by EPA Method 5030B/8015C.

Review of the laboratory data indicates the soil sample collected from the remaining west sidewall was found to be below laboratory detection limits for TPH-GRO. A summary of the soil clean-up samples laboratory analysis is as follows:

Table 5 - Soil Clean-up Soil Analytical Summary									
Sample ID	Date Collected	Date Collected Depth		TPH-GRO (mg/kg					
BASE		10-fbgl	< 9	< 11					
NSW			< 9.3	< 8.1					
ESW	3/26/12	5 fb -1	< 9	< 9.6					
SSW		5-fbgl	< 9.4	< 10					
WSW			< 8.4	15					
WSW-2	5/1/12	5-fbgl		< 4.6					
	NCDENR Action Level (mg/kg)		40	10					

Summary & Recommendations

At this time, based on the information in this report, we recommend the following:

- In regards to the previously identified impacted soils at the location of soil borings B-1 and B-2, we recommend no further soil assessment or remediation within this area.
- In regards to the onsite groundwater contamination, both previously and currently identified, we recommend further assessment to identify the "potential" source of the contamination. Once groundwater contamination has been defined, both horizontally and vertically, to the NCDENR Drinking Water Standards, remediation alternatives can be devised and implemented based on applicability and cost feasibility.
- An alternative to remediation could be sought in the form of procuring a Brownfields
 Agreement between a future property owner/developer and the NCDENR, which may
 result in a reduction of responsibility to the current property owner and waive liability
 to the future property owner/developer.

Limitations

This report is based on a limited number samples and chemical analyses. The conclusions presented in this report are based only on the observation made during this investigation and/or on data provided by others. The report presents a description of the subsurface conditions observed at each boring/excavation location during this investigation. Subsurface conditions may vary significantly with time, particularly with respect to soil and groundwater elevations and quality. Conclusions and recommendations set forth herein are applicable only to the facts and conditions described at the time of this report.

In performing its professional services, Excel uses that degree of care and skill exercised under similar circumstances by members of the environmental profession practicing at the same or similar locality under similar conditions. The standard of care shall be judged exclusively as of the time these services are rendered and not according to later standards. Excel makes no express or implied warranty beyond its conformance to this standard. Excel shall not be responsible for conditions or consequences arising from the relevant facts that were concealed, withheld or not fully disclosed for this report. Excel believes that all information contained in this report is factual, but no guarantee is made or implied.

The report was prepared in general accordance with state and local conformance for the use and benefit of *RLS Liquidating, LLC,* their successors, and assignees. It is based, in part, upon documents, writings, and information owned, possessed, or secured by *RLS Liquidating, LLC.* Neither this report, nor any information contained herein shall be used or relied upon for any purpose by any other person or entity without the express written permission of *RLS Liquidating, LLC.*

Excel appreciates your business and looks forward to assisting you with your consulting needs in the future. If you have any questions or comments please feel free to contact us

Sincerely yours,

EXCEL CIVIL & ENVIRONMENTAL ASSOCIATES, PLLC

Thomas W. Garrison, III

Senior Project Manager

Michael T. Stanforth, P.E.

Principal Engineer

Page No. 7

Excel No. 2011085

CERTIFICATIONS

REMEDIATING PARTY I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete. RLS Liquidating, LLC By: Edward Sanz, Manager **NOTARIZATION** STATE OF NORTH CAROLINA **GASTON** COUNTY Foreuth a Notary Public of said County and State, do hereby certify PAWAIA did personally appear and sign before me this day, produced proper identification in the form of D_{1} was duly sworn or affirmed, and declared that, he or she is the duly authorized representative of the remediating party of the property referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this certification in my presence. WITNESS my hand and official seal this Gray of JUNE Notary Public (signature) My commission expires:

Excel No. 2011085

Consultant

I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete.

M.T. Stanforth, PE/DEE Excel Civil and Environmental Associates, PLLC

NOTARIZATION
STATE OF NORTH CAROLINA
GASTON COUNTY

Notary Public (signature) (OFFICIAL SEAL)

My commission expires: 5 4 2013

O NOTARLIC COUNTY

SITE PHOTOGRAPHS

PHOTOGRAPH LOG						
PHOTOGRAPH NUMBER	PHOTOGRAPH REVIEW & COMMENT	_				
1	Typical view of stained pad prior to excavation activities.					
2	Typical view of excavation area during soils removal.					
3	Typical view of excavation area during soils removal.					
4	Typical view of excavation area during soils removal.					



Photograph Number 1



Photograph Number 2

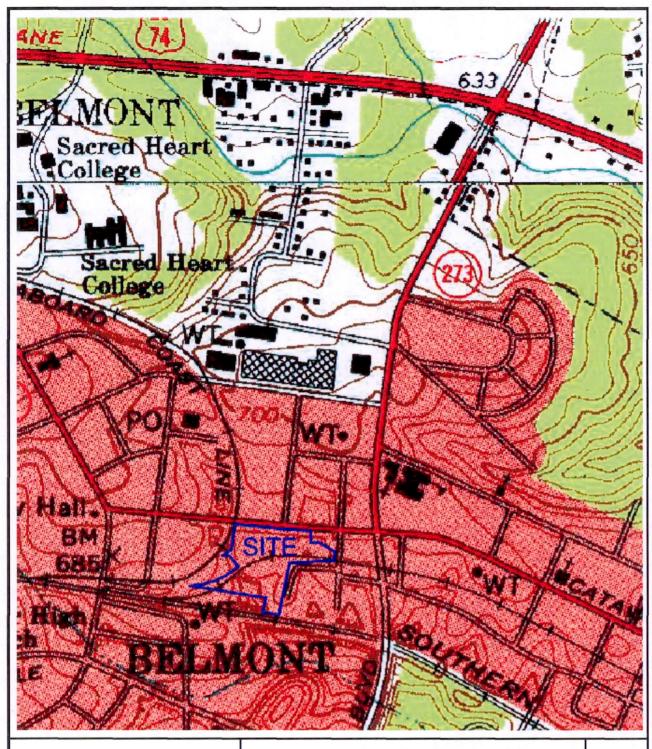


Photograph Number 3



Photograph Number 4

FIGURES



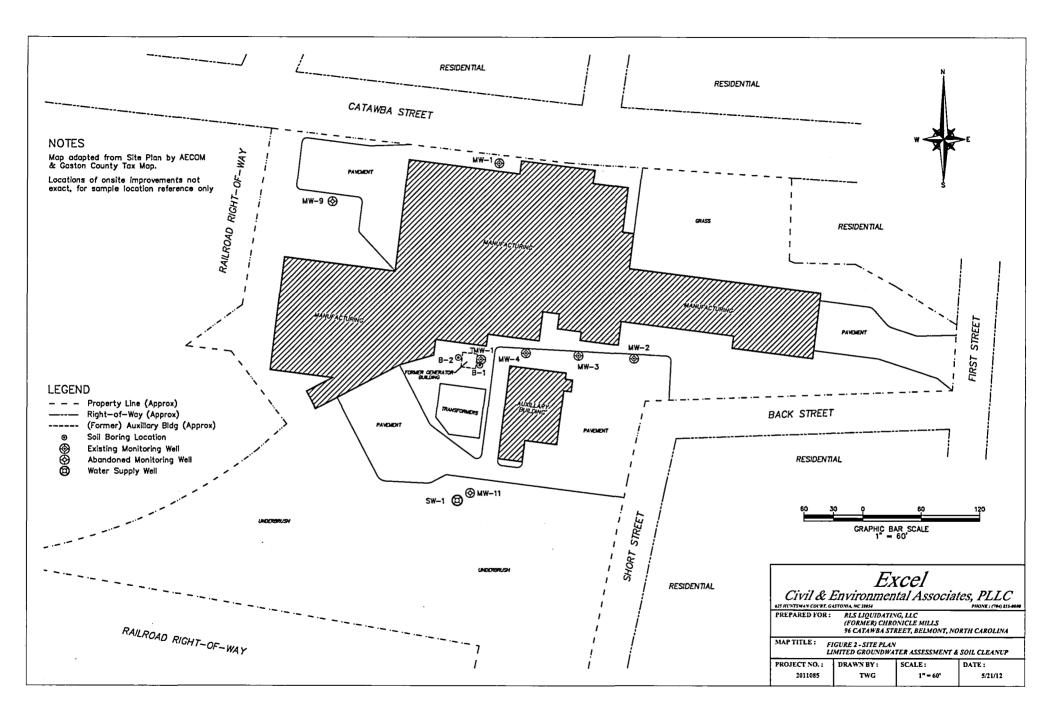
EXCEL CIVIL & ENVIRONMENTAL ASSOCIATES, PLLC 625 HUNTSMAN COURT GASTONIA, NC 28054 (704) 853-08000

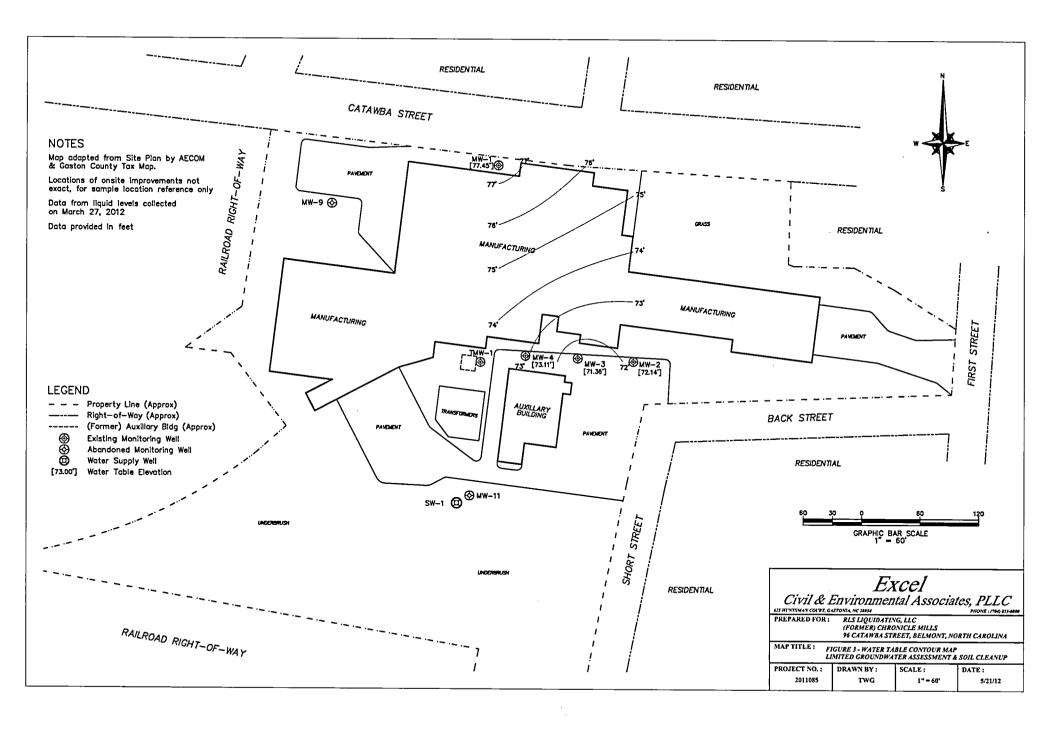
Figure 1 – Site Vicinity Map

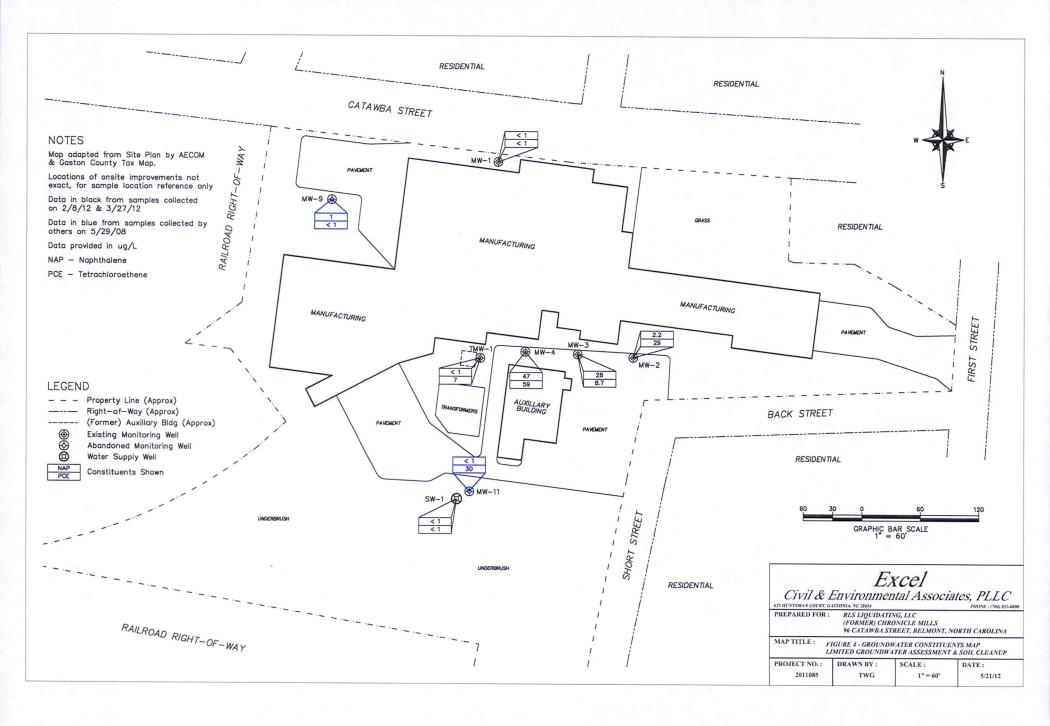
Excel Project Number 2011085

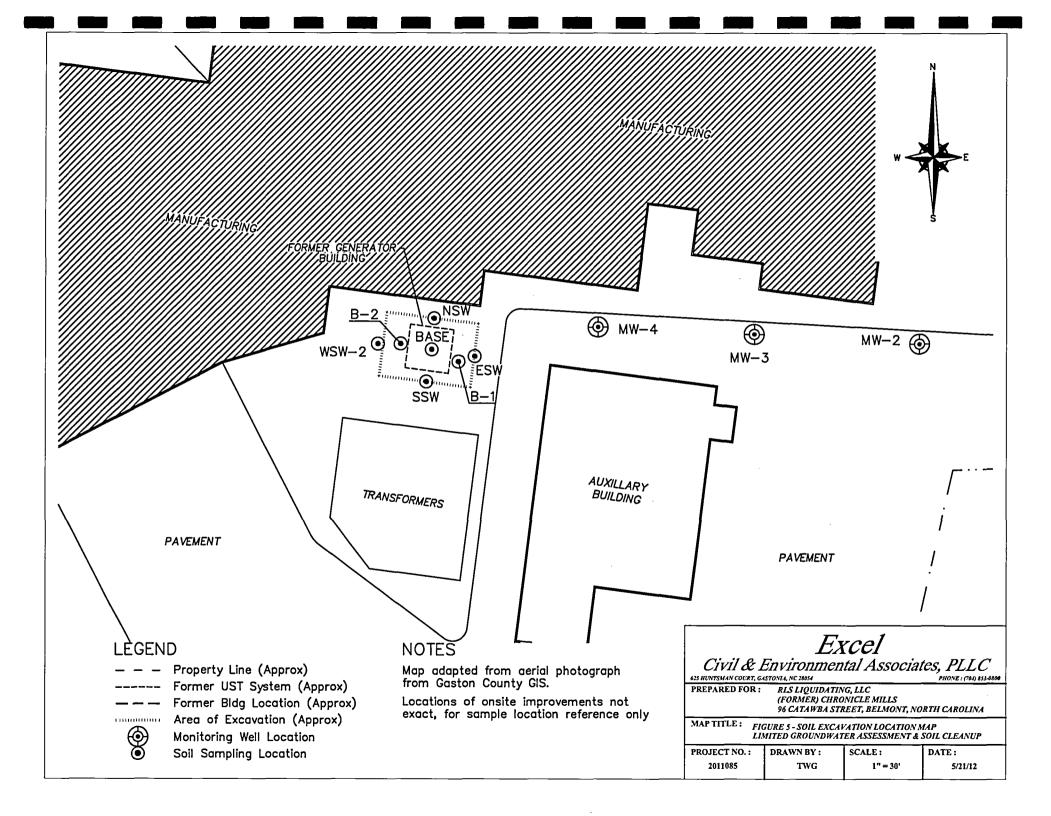
Source: U.S.G.S. 7.5 Minute Topographic Map (www.terraserver-usa.com)











LABORATORY ANALYTICAL REPORT & C.O.C FORM EXCEL CIVIL & ENVIRONMENTAL ASSOCIATES, PLLC www.excelengr.com

Report of Analysis

Excel Civil & Environmental Associates, PLLC

PO Box 6172 Gastonia, NC 28056-6000 Attention: Thomas Garrison

Project Name: Chronicle Mill

Project Number:20110

Lot Number: NC28055
Date Completed: 04/04/2012

Lucas Odom

Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

SC DHEC No: 32010 NELAC No: E87653 NC DENR No: 329

Case Narrative Excel Civil & Environmental Associates, PLLC

Lot Number: NC28055

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary

Excel Civil & Environmental Associates, PLLC

Lot Number: NC28055

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	03/27/2012 0900	03/28/2012
002	MW-2	Aqueous	03/27/2012 0915	03/28/2012
003	MW-3	Aqueous	03/27/2012 0930	03/28/2012
004	MW-4	Aqueous	03/27/2012 1000	03/28/2012

(4 samples)

Executive Summary Excel Civil & Environmental Associates, PLLC

Lot Number: NC28055

Sample	Sample ID	Matrix	Parameter	Method	Result	Q Units	Page
002	MW-2	Aqueous	cis-1,2-Dichloroethene	8260B	2.3	ug/L	7
002	MW-2	Aqueous	Naphthalene	8260B	2.2	ug/L	8
002	MW-2	Aqueous	Tetrachloroethene	8260B	29	ug/L	8
002	MW-2	Aqueous	Trichlorofluoromethane	8260B	1.5	ug/L	8
003	MW-3	Aqueous	Chloroform	8260B	1.3	ug/L	9
003	MW-3	Aqueous	Naphthalene	8260B	28	ug/L	10
003	MW-3	Aqueous	Tetrachloroethene	8260B	8.7	ug/L	10
003	MW-3	Aqueous	Trichlorofluoromethane	8260B	1.9	ug/L	10
004	MW-4	Aqueous	Naphthalene	8260B	47	ug/L	12
004	MW-4	Aqueous	Tetrachloroethene	8260B	59	ug/L	12
004	MW-4	Aqueous	Trichloroethene	8260B	1.5	ug/L	12
004	MW-4	Aqueous	Trichlorofluoromethane	8260B	1.0	ug/L	12
004	MW-4	Aqueous	1,2,4-Trimethylbenzene	8260B	1.1	ug/L	12

(13 detections)

Description: MW-1

Date Sampled:03/27/2012 0900 Date Received: 03/28/2012

Laboratory ID: NC28055-001

Matrix: Aqueous

Volatile Organic Compounds by GC/MS

Prep Method Run **Analytical Method** Dilution Analysis Date Analyst **Prep Date** Batch 8260B 1 04/03/2012 1543 LBS 81817 1 5030B

	CAS	Analytical				
Parameter	Number	Method	Result	Q PQL	Units	Run
Acetone	67-64-1	8260B	ND	20	ug/L	1
Benzene	71-43-2	8260B	ND	1.0	ug/L	1
Bromobenzene	108-86-1	8260B	ND	1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND	1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND	1.0	ug/L	1
Bromoform	75-25-2	8260B	ND	1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND	2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND	10	ug/L	1
n-Butylbenzene	104-51-8	8260B	ND	1.0	ug/L	1
sec-Butylbenzene	135-98-8	8260B	ND	1.0	ug/L	1
tert-Butylbenzene	98-06-6	8260B	ND	1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND	1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND	1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND	2.0	ug/L	1
Chloroform	67-66-3	8260B	ND	1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND	1.0	ug/L	1
2-Chlorotoluene	95-49-8	8260B	ND	1.0	ug/L	1
4-Chlorotoluene	106-43-4	8260B	ND	1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND	1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND	1.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND	1.0	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND	1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND	1.0	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND	2.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND	1.0	ug/L	1 1
1,2-Dichloroethane	107-06-2	8260B	ND	1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND	1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND	1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND	1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND	1.0	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND	1.0	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND	1.0	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND	2.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND	1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND	1.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND	1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND	1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND	10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND	1.0	ug/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL J = Estimated result < PQL and > MDL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a ${\bf W}$ P = The RPD between two GC columns exceeds 40% • = Reportable result (only when report all runs)

Description: MW-1

Date Sampled:03/27/2012 0900 Date Received: 03/28/2012

Laboratory ID: NC28055-001

Matrix: Aqueous

Volatile Organic Compounds by GC/MS

Run 1	Prep Method 5030B	Analytical Method 8260B	Dilution A 1 04	nalysis Dat /03/2012 15	•	Prep	Date	Batch 81817		
					Analytical	D 14		201	** **	
Paran				mber	Method	Result	Q	PQL	Units	Run
Methy	I tertiary butyl ether (N	MTBE)		-04-4	8260B	ND		1.0	ug/L	1
4-Metl	hyl-2-pentanone		108	-10-1	8260B	ND.		10	ug/L	1
Methy	lene chloride		75	-09-2	8260B	ND		1.0	ug/L	1
Napht	halene		91	-20-3	8260B	ND		1.0	ug/L	1
n-Prop	pylbenzene		103	-65-1	8260B	ND		1.0	ug/L	1
Styrer	ne		100	-42-5	8260B	ND		1.0	ug/L	1
1,1,2,2	2-Tetrachloroethane		79	-34-5	8260B	ND		1.0	ug/L	1
Tetrac	chloroethene		127	-18-4	8260B	ND		1.0	ug/L	1
Toluer	ne		108	-88-3	8260B	ND		1.0	ug/L	1
1,2,3-	Trichlorobenzene		87	-61-6	8260B	ND		1.0	ug/L	1
1,2,4-	Trichlorobenzene		120	-82-1	8260B	ND		1.0	ug/L	1
1,1,1-	Trichloroethane		71	-55-6	8260B	ND		1.0	ug/L	1
1,1,2-	Trichloroethane		79	-00-5	8260B	ND		1.0	ug/L	1
Trichle	oroethene		79	-01-6	8260B	ND		1.0	ug/L	1
Trichle	orofluoromethane		75	-69-4	8260B	ND		1.0	ug/L	1
1,2,3-	Trichloropropane		96	-18-4	8260B	ND		1.0	ug/L	1
1,2,4-	Trimethylbenzene		95	-63-6	8260B	ND		1.0	ug/L	1
1,3,5-	Trimethylbenzene		108	-67-8	8260B	ND		1.0	ug/L	1
Vinyl a	acetate		108	-05-4	8260B	ND		5.0	ug/L	1
Vinyl o	chloride		75	-01-4	8260B	ND		1.0	ug/L	1
Xylene	es (total)		1330	-20-7	8260B	ND		1.0	ug/L	1
Surro	gate	Q	Run 1 % Recovery	Acceptant Limits	е					
1,2-Di	chloroethane-d4		94	70-130						
Bromo	ofluorobenzene		93	70-130						
Tolue	ne-d8		93	70-130						

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

* = Reportable result (only when report all runs)

Description: MW-2

Date Sampled:03/27/2012 0915 Date Received:03/28/2012 Laboratory ID: NC28055-002

Matrix: Aqueous

Volatile Organic Compounds by GC/MS

RunPrep MethodAnalytical MethodDilutionAnalysis DateAnalystPrep DateBatch15030B8260B104/03/2012 1605LBS81817

	CAS	Analytical				
Parameter	Number	Method	Result	Q PQL	Units	Run
Acetone	67-64-1	8260B	ND	20	ug/L	1
Benzene	71-43-2	8260B	ND	1.0	ug/L	• 1
Bromobenzene	108-86-1	8260B	ND	1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND	1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND	1.0	ug/L	1
Bromoform	75-25-2	8260B	ND	1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND	2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND	10	ug/L	1
n-Butylbenzene	104-51-8	8260B	ND	1.0	ug/L	1
sec-Butylbenzene	135-98-8	8260B	ND	1.0	ug/L	1
tert-Butylbenzene	98-06-6	8260B	ND	1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND	1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND	1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND	2.0	ug/L	1
Chloroform	67-66-3	8260B	ND	1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND	1.0	ug/L	1
2-Chlorotoluene	95-49-8	8260B	ND	1.0	ug/L	1
4-Chlorotoluene	106-43-4	8260B	ND	1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND	1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	, ND	1.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND	1.0	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND	1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND	1.0	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND	2.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND	1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND	1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND	1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	2.3	1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND	1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND	1.0	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND	1.0	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND	1.0	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND	2.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND	1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND	1.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND	1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND	1.0	ug/L	1
2-Hexanone	591-78-6 ·	8260B	ND	10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND	1.0	ug/L	1
p-Isopropyltoluene	99-87-6	8260B	ND	1.0	ug/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL $J = Estimated result < PQL and <math>\geq MDL$ Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

*= Reportable result (only when report all runs)

Description: MW-2

Date Sampled:03/27/2012 0915 Date Received: 03/28/2012

Laboratory ID: NC28055-002

Matrix: Aqueous

Volatile Organic Compounds by GC/MS

Run 1	Prep Method 5030B	Analytical Method 8260B		Analysis E 04/03/2012	•	Prep	Date	Batch 81817			
		····		CAS	Analytical						
Param	ieter		N	umber	Method	Result	Q	PQL	Units	Run	
Methyl	tertiary butyl ether (MTBE)	163	4-04-4	8260B	ND		1.0	ug/L	1	
4-Meth	yl-2-pentanone		10	8-10-1	8260B	· ND		10	ug/L	1	
Methyl	lene chloride		7	5-09-2	8260B	ND		1.0	ug/L	1	
Napht	halene		9	1-20-3	8260B	2.2		1.0	ug/L	1	
n-Prop	ylbenzene		10	3-65-1	8260B	ND		1.0	ug/L	1	
Styren	e		10	0-42-5	8260B	ND		1.0	ug/L	1	
1,1,2,2	?-Tetrachloroethane		7	9-34-5	8260B	ND		1.0	ug/L	1	
Tetrac	hloroethene		12	7-18-4	8260B	29		1.0	ug/L	1	
Toluer	ne		10	8-88-3	8260B	ND		1.0	ug/L	1	
1,2,3-7	Frichlorobenzene		8	7-61-6	8260B	ND		1.0	ug/L	1	
1,2,4-7	Trichlorobenzene		12	0-82-1	8260B	ND		1.0	ug/L	1	
1,1,1-7	Trichloroethane		7	1-55-6	8260B	ND		1.0	ug/L	1	
1,1,2-7	Frichloroethane		7	9-00-5	8260B	ND		1.0	ug/L	1	
Trichlo	roethene		7	9-01 - 6	8260B	ND		1.0	ug/L	1	
Trichl	orofluoromethane		7	5-69-4	8260B	1.5		1.0	ug/L	1	
1,2,3-	Trichloropropane		9	6-18-4	8260B	ND		1.0	ug/L	1	
1,2,4-	Frimethylbenzene		9	5-63-6	8260B	ND		1.0	ug/L	1	
1,3,5-	Frimethylbenzene		10	8-67-8	8260B	ND		1.0	ug/L	1	
Vinyl a	cetate		10	8-05-4	8260B	ND		5.0	ug/L	1	
Vinyl c	hloride		7	5-01-4	8260B	ND		1.0	ug/L	1	
Xylene	es (total)		133	0-20-7	8260B	ND		1.0	ug/L	1	
Surro	gate	Q	Run 1 % Recove	Accepta ry Limit							
1,2-Di	chloroethane-d4		93	70-13	30	<u> </u>					
Bromo	fluorobenzene		93	70-13	30						
Toluer	ne-d8		92	70-13	30						

PQL = Practical quantitation limit ND = Not detected at or above the PQL B = Detected in the method blank

J = Estimated result < PQL and > MDL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" E = Quantitation of compound exceeded the calibration range P = The RPD between two GC columns exceeds 40%

H = Out of holding time

* = Reportable result (only when report all runs)

Description: MW-3

Date Sampled:03/27/2012 0930

Date Received: 03/28/2012

Laboratory ID: NC28055-003

Matrix: Aqueous

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	
1	5030B	8260B	1	04/03/2012 1626	LBS		81817	

Number Method Result Q PQL Units PQL Units Q PQL P	zene romethane loromethane nane (Methyl bromide) e (MEK) zene	67-64-1 71-43-2 108-86-1 74-97-5 75-27-4 75-25-2 74-83-9	8260B 8260B 8260B 8260B 8260B 8260B	ND ND ND ND	20 1.0 1.0	ug/L ug/L ug/L	1 1 1
Benzene 71-43-2 8260B ND 1.0 ug/L Bromobenzene 108-86-1 8260B ND 1.0 ug/L Bromochloromethane 74-97-5 8260B ND 1.0 ug/L Bromodichloromethane 75-27-4 8260B ND 1.0 ug/L Bromoform 75-27-2 8260B ND 1.0 ug/L Bromomethane (Methyl bromide) 74-83-9 8260B ND 1.0 ug/L 2-Butanone (MEK) 78-93-3 8260B ND 1.0 ug/L 2-Butylbenzene 104-51-8 8260B ND 1.0 ug/L n-Butylbenzene 135-98-8 8260B ND 1.0 ug/L cer-Butylbenzene 98-06-6 8260B ND 1.0 ug/L Carbon tetrachloride 56-23-5 8260B ND 1.0 ug/L Chlorobenzene 108-90-7 8260B ND 1.0 ug/L Chlorobenzene 75-00-3 <td< th=""><th>romethane loromethane nane (Methyl bromide) e (MEK) zene</th><th>71-43-2 108-86-1 74-97-5 75-27-4 75-25-2 74-83-9</th><th>8260B 8260B 8260B 8260B 8260B</th><th>ND ND ND</th><th>1.0 1.0</th><th>ug/L ug/L</th><th>1 1</th></td<>	romethane loromethane nane (Methyl bromide) e (MEK) zene	71-43-2 108-86-1 74-97-5 75-27-4 75-25-2 74-83-9	8260B 8260B 8260B 8260B 8260B	ND ND ND	1.0 1.0	ug/L ug/L	1 1
Bromobenzene 108-86-1 8260B ND 1.0 ug/L Bromochloromethane 74-97-5 8260B ND 1.0 ug/L Bromodichloromethane 75-27-4 8260B ND 1.0 ug/L Bromoform 75-25-2 8260B ND 1.0 ug/L Bromomethane (Methyl bromide) 74-83-9 8260B ND 1.0 ug/L 2-Butanone (MEK) 78-93-3 8260B ND 1.0 ug/L n-Butylbenzene 104-51-8 8260B ND 1.0 ug/L sec-Butylbenzene 135-98-8 8260B ND 1.0 ug/L tert-Butylbenzene 98-06-6 8260B ND 1.0 ug/L Carbon tetrachloride 56-23-5 8260B ND 1.0 ug/L Chlorotetraene 108-90-7 8260B ND 1.0 ug/L Chlorotethane (Methyl chloride) 74-87-3 8260B ND 1.0 ug/L Chlorotoluene	romethane loromethane nane (Methyl bromide) e (MEK) zene	108-86-1 74-97-5 75-27-4 75-25-2 74-83-9	8260B 8260B 8260B 8260B	ND ND	1.0	ug/L	1
Bromochloromethane 74-97-5 8260B ND 1.0 ug/L Bromodichloromethane 75-27-4 8260B ND 1.0 ug/L Bromoform 75-25-2 8260B ND 1.0 ug/L Bromomethane (Methyl bromide) 74-83-9 8260B ND 1.0 ug/L 2-Butanone (MEK) 78-93-3 8260B ND 1.0 ug/L 2-Butanone (MEK) 78-93-3 8260B ND 1.0 ug/L 2-Butanone (MEK) 8260B ND 1.0 ug/L 2-Butanone (MEK) 8260B ND 1.0 ug/L 2-Butanone (MEK) 8260B ND 1.0 ug/L ec-Butylbenzene 135-98-8 8260B ND 1.0 ug/L et-t-Butylbenzene 98-06-6 8260B ND 1.0 ug/L Carbon tetrachloride 56-23-5 8260B ND 1.0 ug/L Chlorobenzene 108-90-7 8260B ND 1.0	romethane loromethane nane (Methyl bromide) e (MEK) zene	74-97-5 75-27-4 75-25-2 74-83-9	8260B 8260B 8260B	ND		_	-
Bromodichloromethane 75-27-4 8260B ND 1.0 ug/L Bromoform 75-25-2 8260B ND 1.0 ug/L Bromomethane (Methyl bromide) 74-83-9 8260B ND 2.0 ug/L 2-Butanone (MEK) 78-93-3 8260B ND 10 ug/L 2-Butylbenzene 104-51-8 8260B ND 1.0 ug/L n-Butylbenzene 104-51-8 8260B ND 1.0 ug/L tert-Butylbenzene 98-06-6 8260B ND 1.0 ug/L Carbon tetrachloride 56-23-5 8260B ND 1.0 ug/L Chlorobenzene 108-90-7 8260B ND 1.0 ug/L Chloroform 67-66-3 8260B ND 1.0 ug/L Chloroformethane (Methyl chloride) 74-87-3 8260B ND 1.0 ug/L 2-Chlorotolluene 95-49-8 8260B ND 1.0 ug/L 4-Chlorotolluene <td< td=""><td>loromethane nane (Methyl bromide) e (MEK) zene</td><td>75-27-4 75-25-2 74-83-9</td><td>8260B 8260B</td><td></td><td>1.0</td><td>ua/L</td><td></td></td<>	loromethane nane (Methyl bromide) e (MEK) zene	75-27-4 75-25-2 74-83-9	8260B 8260B		1.0	ua/L	
Bromoform 75-25-2 8260B ND 1.0 ug/L Bromomethane (Methyl bromide) 74-83-9 8260B ND 2.0 ug/L 2-Butanone (MEK) 78-93-3 8260B ND 10 ug/L n-Butylbenzene 104-51-8 8260B ND 1.0 ug/L sec-Butylbenzene 135-98-8 8260B ND 1.0 ug/L tert-Butylbenzene 98-06-6 8260B ND 1.0 ug/L Carbon tetrachloride 56-23-5 8260B ND 1.0 ug/L Chlorobenzene 18-90-7 8260B ND 1.0 ug/L Chlorotethane 75-00-3 8260B ND 1.0 ug/L Chloroform 67-66-3 8260B ND 1.0 ug/L 2-Chlorotoluene 95-49-8 8260B ND 1.0 ug/L 4-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L 1,2-Dibromochlare (EDB) 106-93-4	nane (Methyl bromide) e (MEK) zene	75-25-2 74-83-9	8260B	ND		-5	1
Bromomethane (Methyl bromide) 74-83-9 8260B ND 2.0 ug/L 2-Butanone (MEK) 78-93-3 8260B ND 10 ug/L n-Butylbenzene 104-51-8 8260B ND 1.0 ug/L sec-Butylbenzene 135-98-8 8260B ND 1.0 ug/L tert-Butylbenzene 98-06-6 8260B ND 1.0 ug/L Carbon tetrachloride 56-23-5 8260B ND 1.0 ug/L Chlorobenzene 108-90-7 8260B ND 1.0 ug/L Chlorothane 75-00-3 8260B ND 1.0 ug/L Chlorotethane 67-66-3 8260B ND 1.0 ug/L Chlorotethane (Methyl chloride) 74-87-3 8260B ND 1.0 ug/L 2-Chlorotoluene 95-49-8 8260B ND 1.0 ug/L 4-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L 1,2-Dibromoethane (EDB)	nane (Methyl bromide) e (MEK) zene	74-83-9			1.0	ug/L	1
2-Butanone (MEK) 78-93-3 8260B ND 10 ug/L n-Butylbenzene 104-51-8 8260B ND 1.0 ug/L sec-Butylbenzene 135-98-8 8260B ND 1.0 ug/L tert-Butylbenzene 98-06-6 8260B ND 1.0 ug/L Carbon tetrachloride 56-23-5 8260B ND 1.0 ug/L Chlorobenzene 108-90-7 8260B ND 1.0 ug/L Chloroethane 75-00-3 8260B ND 1.0 ug/L Chloroform 67-66-3 8260B ND 1.0 ug/L Chloromethane (Methyl chloride) 74-87-3 8260B ND 1.0 ug/L 2-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L 4-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L 1,2-Dibromoethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,4-Dichlorobenzene </td <td>e (MEK) zene</td> <td></td> <td></td> <td>ND</td> <td>1.0</td> <td>ug/L</td> <td>1</td>	e (MEK) zene			ND	1.0	ug/L	1
n-Butylbenzene 104-51-8 8260B ND 1.0 ug/L sec-Butylbenzene 135-98-8 8260B ND 1.0 ug/L tert-Butylbenzene 98-06-6 8260B ND 1.0 ug/L Carbon tetrachloride 56-23-5 8260B ND 1.0 ug/L Chlorobenzene 108-90-7 8260B ND 1.0 ug/L Chlorotethane 75-00-3 8260B ND 1.0 ug/L Chloroform 67-66-3 8260B ND 1.0 ug/L Chlorotoluene 95-49-8 8260B ND 1.0 ug/L 2-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L 4-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L 1,2-Dibromoethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,3-Dichlorobenzene 541-73-1 8260B ND 1.0 ug/L 1,4-Dichlorodifluoromethane	zene		8260B	ND	2.0	ug/L	1
sec-Butylbenzene 135-98-8 8260B ND 1.0 ug/L tert-Butylbenzene 98-06-6 8260B ND 1.0 ug/L Carbon tetrachloride 56-23-5 8260B ND 1.0 ug/L Chlorobenzene 108-90-7 8260B ND 1.0 ug/L Chlorothane 75-00-3 8260B ND 2.0 ug/L Chloroform 67-66-3 8260B ND 1.0 ug/L Chlorothane (Methyl chloride) 74-87-3 8260B ND 1.0 ug/L 2-Chlorotoluene 95-49-8 8260B ND 1.0 ug/L 4-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L Dibromochloromethane 124-48-1 8260B ND 1.0 ug/L 1,2-Dibromoethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,4-Dichlorobenzene <		78-93-3	8260B	ND	10	ug/L	1
tert-Butylbenzene 98-06-6 8260B ND 1.0 ug/L Carbon tetrachloride 56-23-5 8260B ND 1.0 ug/L Chlorobenzene 108-90-7 8260B ND 1.0 ug/L Chloroethane 75-00-3 8260B ND 2.0 ug/L Chloroform 67-66-3 8260B ND 2.0 ug/L Chloroform 67-66-3 8260B ND 1.0 ug/L Chloromethane (Methyl chloride) 74-87-3 8260B ND 1.0 ug/L 2-Chlorotoluene 95-49-8 8260B ND 1.0 ug/L 4-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L Dibromochloromethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dibromoethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,3-Dichlorobenzene 541-73-1 8260B ND 1.0 ug/L 1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L 1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L 1,1-Dichloroethane 75-71-8 8260B ND 2.0 ug/L 1,1-Dichloroethane 75-34-3 8260B ND 1.0 ug/L	2222	104-51-8	8260B	ND	1.0	ug/L	1
Carbon tetrachloride 56-23-5 8260B ND 1.0 ug/L Chlorobenzene 108-90-7 8260B ND 1.0 ug/L Chloroethane 75-00-3 8260B ND 2.0 ug/L Chloroform 67-66-3 8260B ND 1.0 ug/L Chloromethane (Methyl chloride) 74-87-3 8260B ND 1.0 ug/L 2-Chlorotoluene 95-49-8 8260B ND 1.0 ug/L 4-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L Dibromochloromethane 124-48-1 8260B ND 1.0 ug/L 1,2-Dibromoethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,3-Dichlorobenzene 541-73-1 8260B ND 1.0 ug/L 1,4-Dichlorodifluoromethane 75-71-8 8260B ND 1.0 ug/L 1,1-Dichloroethane	chizehe	135-98-8	8260B	ND	1.0	ug/L	1
Chlorobenzene 108-90-7 8260B ND 1.0 ug/L Chloroethane 75-00-3 8260B ND 2.0 ug/L Chloroform 67-66-3 8260B ND 1.0 ug/L Chloromethane (Methyl chloride) 74-87-3 8260B ND 1.0 ug/L 2-Chlorotoluene 95-49-8 8260B ND 1.0 ug/L 4-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L Dibromochloromethane 124-48-1 8260B ND 1.0 ug/L 1,2-Dibromoethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,3-Dichlorobenzene 541-73-1 8260B ND 1.0 ug/L 1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L Dichlorodifluoromethane 75-71-8 8260B ND 1.0 ug/L 1,1-Dichlorobehane <td>enzene</td> <td>98-06-6</td> <td>8260B</td> <td>ND</td> <td>1.0</td> <td>ug/L</td> <td>1</td>	enzene	98-06-6	8260B	ND	1.0	ug/L	1
Chloroethane 75-00-3 8260B ND 2.0 ug/L Chloroform 67-66-3 8260B 1.3 1.0 ug/L Chloromethane (Methyl chloride) 74-87-3 8260B ND 1.0 ug/L 2-Chlorotoluene 95-49-8 8260B ND 1.0 ug/L 4-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L Dibromochloromethane 124-48-1 8260B ND 1.0 ug/L 1,2-Dibromoethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,3-Dichlorobenzene 541-73-1 8260B ND 1.0 ug/L 1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L Dichlorodifluoromethane 75-71-8 8260B ND 1.0 ug/L 1,1-Dichlorobehane 75-34-3 8260B ND 1.0 ug/L	rachloride	56-23-5	8260B	ND	1.0	ug/L	1
Chloroform 67-66-3 8260B 1.3 1.0 ug/L Chloromethane (Methyl chloride) 74-87-3 8260B ND 1.0 ug/L 2-Chlorotoluene 95-49-8 8260B ND 1.0 ug/L 4-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L Dibromochloromethane 124-48-1 8260B ND 1.0 ug/L 1,2-Dibromoethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,3-Dichlorobenzene 541-73-1 8260B ND 1.0 ug/L 1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L Dichlorodifluoromethane 75-71-8 8260B ND 2.0 ug/L 1,1-Dichloroethane 75-34-3 8260B ND 1.0 ug/L	zene	108-90-7	8260B	ND	1.0	ug/L	1
Chloromethane (Methyl chloride) 74-87-3 8260B ND 1.0 ug/L 2-Chlorotoluene 95-49-8 8260B ND 1.0 ug/L 4-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L Dibromochloromethane 124-48-1 8260B ND 1.0 ug/L 1,2-Dibromoethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,3-Dichlorobenzene 541-73-1 8260B ND 1.0 ug/L 1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L Dichlorodifluoromethane 75-71-8 8260B ND 2.0 ug/L 1,1-Dichloroethane 75-34-3 8260B ND 1.0 ug/L	ne	75-00-3	8260B	ND	2.0	ug/L	1
2-Chlorotoluene 95-49-8 8260B ND 1.0 ug/L 4-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L Dibromochloromethane 124-48-1 8260B ND 1.0 ug/L 1,2-Dibromoethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,3-Dichlorobenzene 541-73-1 8260B ND 1.0 ug/L 1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L Dichlorodifluoromethane 75-71-8 8260B ND 2.0 ug/L 1,1-Dichloroethane 75-34-3 8260B ND 1.0 ug/L	n	67-66-3	8260B	1.3	1.0	ug/L	1
4-Chlorotoluene 106-43-4 8260B ND 1.0 ug/L Dibromochloromethane 124-48-1 8260B ND 1.0 ug/L 1,2-Dibromoethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,3-Dichlorobenzene 541-73-1 8260B ND 1.0 ug/L 1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L Dichlorodifluoromethane 75-71-8 8260B ND 2.0 ug/L 1,1-Dichloroethane 75-34-3 8260B ND 1.0 ug/L	nane (Methyl chloride)	74-87-3	8260B	ND	1.0	ug/L	1
Dibromochloromethane 124-48-1 8260B ND 1.0 ug/L 1,2-Dibromoethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,3-Dichlorobenzene 541-73-1 8260B ND 1.0 ug/L 1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L Dichlorodifluoromethane 75-71-8 8260B ND 2.0 ug/L 1,1-Dichloroethane 75-34-3 8260B ND 1.0 ug/L	luene	95-49-8	8260B	ND	1.0	ug/L	1
1,2-Dibromoethane (EDB) 106-93-4 8260B ND 1.0 ug/L 1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,3-Dichlorobenzene 541-73-1 8260B ND 1.0 ug/L 1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L Dichlorodifluoromethane 75-71-8 8260B ND 2.0 ug/L 1,1-Dichloroethane 75-34-3 8260B ND 1.0 ug/L	luene	106-43-4	8260B	ND	1.0	ug/L	1
1,2-Dichlorobenzene 95-50-1 8260B ND 1.0 ug/L 1,3-Dichlorobenzene 541-73-1 8260B ND 1.0 ug/L 1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L Dichlorodifluoromethane 75-71-8 8260B ND 2.0 ug/L 1,1-Dichloroethane 75-34-3 8260B ND 1.0 ug/L	loromethane	124-48-1	8260B	ND	1.0	ug/L	1
1,3-Dichlorobenzene 541-73-1 8260B ND 1.0 ug/L 1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L Dichlorodifluoromethane 75-71-8 8260B ND 2.0 ug/L 1,1-Dichloroethane 75-34-3 8260B ND 1.0 ug/L	oethane (EDB)	106-93-4	8260B	ND	1.0	ug/L	1
1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L Dichlorodifluoromethane 75-71-8 8260B ND 2.0 ug/L 1,1-Dichloroethane 75-34-3 8260B ND 1.0 ug/L	obenzene	95-50-1	8260B	ND	1.0	ug/L	1
1,4-Dichlorobenzene 106-46-7 8260B ND 1.0 ug/L Dichlorodifluoromethane 75-71-8 8260B ND 2.0 ug/L 1,1-Dichloroethane 75-34-3 8260B ND 1.0 ug/L	obenzene	541-73-1	8260B	ND	1.0	ug/L	1
1,1-Dichloroethane 75-34-3 8260B ND 1.0 ug/L	obenzene	106-46-7	8260B	ND	1.0	ug/L	1
	luoromethane	75-71-8	8260B	ND	2.0	ug/L	1
1,2-Dichloroethane 107-06-2 8260B ND 1.0 ug/L	oethane	75-34-3	8260B	ND	1.0	ug/L	1
	oethane	107-06-2	8260B	ND	1.0	ug/L	1
1,1-Dichloroethene 75-35-4 8260B ND 1.0 ug/L	oethene	75-35-4	8260B	ND	1.0	ug/L	1
cis-1,2-Dichloroethene 156-59-2 8260B ND 1.0 ug/L	hloroethene	156-59-2	8260B	ND	1.0	ug/L	1
trans-1,2-Dichloroethene 156-60-5 8260B ND 1.0 ug/L	oichloroethene	156-60-5	8260B	ND	-1.0	ug/L	1
1,2-Dichloropropane 78-87-5 8260B ND 1.0 ug/L	opropane	78-87-5	8260B	ND	1.0	ug/L	1
1,3-Dichloropropane 142-28-9 8260B ND 1.0 ug/L	opropane	142-28-9	8260B	ND	1.0	ug/L	1
2,2-Dichloropropane 594-20-7 8260B ND 1.0 ug/L		594-20-7	8260B	ND	1.0	ug/L	1
1,1-Dichloropropene 563-58-6 8260B ND 2.0 ug/L	opropene	563-58-6	8260B	ND	2.0	ug/L	1
cis-1,3-Dichloropropene 10061-01-5 8260B ND 1.0 ug/L	hloropropene	10061-01-5	8260B	ND	1.0	ug/L	1
trans-1,3-Dichloropropene 10061-02-6 8260B ND 1.0 ug/L		10061-02-6	8260B	ND	1.0	ug/L	1
Diisopropyl ether (IPE) 108-20-3 8260B ND 1.0 ug/L	·		8260B	ND	1.0		1
Ethylbenzene 100-41-4 8260B ND 1.0 ug/L	• •	100-41-4	8260B	ND	1.0	ug/L	1
2-Hexanone 591-78-6 8260B ND 10 ug/L		591-78-6	8260B	ND	10	-	1
Isopropylbenzene		98-82-8	8260B	ND	1.0	ug/L	1
p-Isopropyltoluene 99-87-6 8260B ND 1.0 ug/L		99-87 - 6	8260B	ND	1.0	ug/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

* = Reportable result (only when report all runs)

H = Out of holding time

ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" E = Quantitation of compound exceeded the calibration range P = The RPD between two GC columns exceeds 40%

Description: MW-3

Date Sampled:03/27/2012 0930 Date Received: 03/28/2012

Laboratory ID: NC28055-003

Matrix: Aqueous

Volatile Organic Compounds by GC/MS

Run 1	Prep Method 5030B	Analytical Metho 8260		Analysi 04/03/20		alyst Prep .BS	Date Bate 8181		-	
Paran	neter			CAS Number	Analytic	D14	0	PQL	Units	Run
	I tertiary butyl ether (MTDE		634-04-4	Metho 826	u		1.0		
•	rtertiary butyretiler (nyl-2-pentanone	MIDE)		108-10-1	826			1.0	ug/L	1
• •				75-09-2	826			1.0	ug/L	1
Methylene chloride Naphthalene				91-20-3	826			1.0 1.0	ug/L	1
				103-65-1	826				ug/L	1
•	oylbenzene							1.0	ug/L	1
Styrene				100-42-5	826			1.0	ug/L	1
1,1,2,2-Tetrachloroethane Tetrachloroethene				79-34-5 127-18-4	826 82 6			1.0 1.0	ug/L	1
Toluer	•			108-88-3					ug/L	1
					826			1.0	ug/L	1
	Trichlorobenzene			87-61-6	826			1.0	ug/L	1
	Trichlorobenzene			120-82-1	826			1.0	ug/L	1
	Trichloroethane			71-55-6	826			1.0	ug/L	1
	Trichloroethane			79-00-5	826			1.0	ug/L	1
	proethene			79-01-6	826			1.0	ug/L	1
	orofluoromethane			75-69-4	826			1.0	ug/L	1
	Trichloropropane			96-18-4	826			1.0	ug/L	1
	Trimethylbenzene			95-63-6	826			1.0	ug/L	1
	Trimethylbenzene			108-67-8	826			1.0	ug/L	1
•	acetate			108-05-4	826			5.0	ug/L	1
Vinyl o	chloride			75-01-4	826			1.0	ug/L	1
Xylene	es (total)		1	330-20-7	826	DB ND		1.0	ug/L	1
Surro	gate		Run Q % Reco		ptance nits					
1,2-Di	chloroethane-d4		93	70	-130					
Bromo	fluorobenzene		93	70	-130					
Tolue	ne-d8		92	70	-130					

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

^{* =} Reportable result (only when report all runs)

Description: MW-4

Date Sampled:03/27/2012 1000 Date Received:03/28/2012 Laboratory ID: NC28055-004

Matrix: Aqueous

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/03/2012 1648	LBS		81817

Parameter	CAS	Analytical	Result Q	PQL	Units	Run
	Number	Method _		·		
Acetone	67-64-1	8260B	ND	20	ug/L	1
Benzene	71-43-2	8260B	ND	1.0	ug/L	1
Bromobenzene	108-86-1	8260B	ND	1.0	ug/L	1
Bromochloromethane	74-97-5	8260B	ND	1.0	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND	1.0	ug/L	1
Bromoform	75 - 25-2	8260B	ND	1.0	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND	2.0	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND	10	ug/L	1
n-Butylbenzene	104-51-8	8260B	ND	1.0	ug/L	1
sec-Butylbenzene	135-98-8	8260B	ND	1.0	ug/L	1
tert-Butylbenzene	98-06-6	8260B	ND	1.0	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND	1.0	ug/L	1
Chlorobenzene	108-90-7	8260B	ND	1.0	ug/L	1
Chloroethane	75-00-3	8260B	ND	2.0	ug/L	1
Chloroform	67-66-3	8260B	ND	1.0	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND	1.0	ug/L	1
2-Chlorotoluene	95-49-8	8260B	ND	1.0	ug/L	1
4-Chlorotoluene	106-43-4	8260B	ND	1.0	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND	1.0	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND	1.0	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND	1.0	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND	1.0	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND	1.0	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND	2.0	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND	1.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND	1.0	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND	1.0	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND	1.0	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND	1.0	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND	1.0	ug/L	1
1,3-Dichloropropane	142-28-9	8260B	ND	1.0	ug/L	1
2,2-Dichloropropane	594-20-7	8260B	ND	1.0	ug/L	1
1,1-Dichloropropene	563-58-6	8260B	ND	2.0	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND	1.0	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND	1.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND	1.0	ug/L	1
Ethylbenzene	100-41-4	8260B	ND	1.0	ug/L	1
2-Hexanone	591-78-6	8260B	ND	10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND	1.0	ug/L	1
p-Isopropyltoluene	99-87-6	8260B	ND	1.0	ug/L	1
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PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL J = Estimated result < PQL and \geq MDL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

P = The RPD between two GC columns exceeds 40%
* = Reportable result (only when report all runs)

Description: MW-4

Date Sampled:03/27/2012 1000
Date Received:03/28/2012

Laboratory ID: NC28055-004

Matrix: Aqueous

Volatile Organic Compounds by GC/MS Analytical Method Dilution Analysis Date Analyst Prep Date

Run Prep Method Ai 1 5030B	nalytical Method 8260B		alysis Date 3/2012 1648	Analyst LBS	Prep I	Date	Batch 81817			
Parameter				alytical	Result		PQL	Units	Run	
		Num		ethod						
Methyl tertiary butyl ether (MTB	E)	1634-0		8260B	ND		1.0	ug/L	1	
4-Methyl-2-pentanone		108-1		8260B	ND		10	ug/L	1	
Methylene chloride		75-0		8260B	ND		1.0	ug/L	1	
Naphthalene		91-2		8260B	47		1.0	ug/L	1	
n-Propylbenzene	103-6		8260B	ND		1.0	ug/L	1		
Styrene	100-4		8260B	ND		1.0	ug/L	1		
1,1,2,2-Tetrachloroethane	79-3		8260B	ND		1.0	ug/L	1		
Tetrachloroethene		127-1		8260B	59		1.0	ug/L	1	
Toluene		108-8		8260B	ND		1.0	ug/L	1	
1,2,3-Trichlorobenzene		87-6	1-6	8260B	ND		1.0	ug/L	1	
1,2,4-Trichlorobenzene		120-8	2-1	8260B	ND		1.0	ug/L	1	
1,1,1-Trichloroethane		71-5	5-6	8260B	ND		1.0	ug/L	1	
1,1,2-Trichloroethane		79-0	0-5	8260B	ND		1.0	ug/L	1	
Trichloroethene		79-0	1-6	8260B	1,5		1.0	ug/L	1	
Trichlorofluoromethane		75-6	9-4	8260B	1.0		1.0	ug/L	1	
1,2,3-Trichloropropane		96-1	8-4	8260B	ND		1.0	ug/L	1	
1,2,4-Trimethylbenzene		95-6	3-6	8260B	1.1		1.0	ug/L	1	
1,3,5-Trimethylbenzene		108-6	7-8	8260B	ND		1.0	ug/L	1	
Vinyl acetate		108-0	5-4	8260B	ND		5.0	ug/L	1	
Vinyl chloride		75-0	1-4	8260B	ND		1.0	ug/L	1	
Xylenes (total)		1330-2	0-7	8260B	ND		1.0	ug/L	1	
Surrogate	Q	Run 1 A % Recovery	cceptance Limits							
1,2-Dichloroethane-d4		94	70-130							
Bromofluorobenzene		93	70-130							
Toluene-d8		92	70-130							

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

ŞHEALÎ

Shealy Environmental Services, Inc.

106 Vantage Point Drive West Columbia, South Carolina 29172 Te'ephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 08731

Chain of Custody Record

								Veyen	isheary)													
Client		Report to I	Contac	t					Sampler (Printed Name)								Quoto No					
ECEA		-	7.0	.00	سرح	دی			7546 13188137]						
Address 625 Houtame ct		Telephone					ے د	•	Waytill No										Page \ of \			
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Project Number 20 NG Sample ID / Description (Containers for each sample may be construction one ine)		er .	TED COSTR		Matrix	:	<u>.s</u>	0												NCOBO		
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Shealy Environmental Services, Inc. Document Number: F-AD 016 Revision Number: 9 Page 1 of 1 Replaces Date (65/06/11 Effective Date: 10/15/11

ICCI ISISSI PIAGE			Sample Receipt Checklist (SRC)
Client:	CLA		Cooler Inspected by/date:[14 7/28]P Lot #: NC > (SS
Chem.	سرران		Cooler inspected dynamically 17 - 17 130 m. 1-07 6 5 3
Means of	receipt	T LSFSI	Client UPS FedEx Airhorne Exp Other
Yes 🗌	No J	0101	1. Were custody seals present on the cooler?
Yes	No		Were classified years present on the cooler: If custody seals were present, were they intact and unbroken?
		<u> </u>	
			eceipt / P °C / °C / °C / °C
Method: Method o		nperature I	
ļ			
If respons	se is No (d	or Yes tor	14, 15, 16), an explanation/resolution must be provided.
	\	,	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified?
Yes 🗌	No 🗌	NA-E	PM notified by SRC, phone, note (circle one), other: (For coolers received via commercial courier, PMs are to be notified immediately.
V	3/2	NIAPPA	4. Le the commercial courier's marking alin exacted to this form?
Yes	No L	NA	4. Is the commercial courier's packing slip attached to this form?
Yes	No 📗	214	Were proper custody procedures (relinquished/received) followed? Sa Were samples relinquished by client to commercial courier?
Yes Yes	No 🗍	NA []	6. Were sample IDs listed?
Yes	No		7. Was collection date & time listed?
Yes		: 	8. Were tests to be performed listed on the COC?
Yes	No	1	Were less to be performed used on the CCC; Did all samples arrive in the proper containers for each test?
Yes	No	<u> </u>	10. Did all container label information (II), date, time) agree with COC?
Yes-	No	! 	11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes	No	 	12. Was adequate sample volume available?
			13. Were all samples received within ½ the holding time or 48 hours, whichever
Yes-	No 🔲		comes first?
Yes 🔲	No.2		14. Were any samples containers missing?
Yes 🗍	No.		15. Were there any excess samples not listed on COC?
	31- [7]	NA 🗌	16. Were bubbles present >"pea-size" (1/4" or 6mm in diameter) in any VOA
Yes	No 🗌	NAL	vials?
Yes 🔲	No 🗌	NA.	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes 🗌	No 🗌	NA.	18. Were all cyanide and/or sulfide samples received at a pH > 12?
Yes 🗆	No \Box	NA.	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/nerb
			(<0.2mg/L) samples free of residual chlorine?
Yes 🗌	No	NA 🗆	20. Were collection temperatures documented on the COC for NC samples?
Yes 🗌	No 🗀	NA 🕞	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc) correctly transcribed from the COC into the comment section in LIMS?
0			
Sample I		ion (Mus	st be completed for any sample(s) incorrectly preserved or with headspace.)
Sample(s			were received incorrectly preserved and were adjusted
according	gly in sam	ple receivi	ng with (H_2SO_4 , HNO_5 , HCI , $NnOH$) with the SR # (number)
Sample(s	1 -09 B	س - (ت	(1) were received with bubbles ≥6 mm in diameter.
Sample(s		-//	were received with TRC >0.2 mg/L for NH3/
		Vpust/PCB	
Correctiv			
Was client			
SESI empl			Date of response:
Comments			•

Report of Analysis

Excel Civil & Environmental Associates, PLLC

PO Box 6172 Gastonia, NC 28056-6000 Attention: Thomas Garrison

Project Name: Chronicle Mill

Project Number: 2011085

Lot Number: NC27048

Date Completed: 04/04/2012

Lucas Odom

Project Manager



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The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

SC DHEC No: 32010

NELAC No: E87653

NC DENR No: 329

Case Narrative Excel Civil & Environmental Associates, PLLC

Lot Number: NC27048

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary

Excel Civil & Environmental Associates, PLLC

Lot Number: NC27048

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	BASE	Solid	03/26/2012 1300	03/27/2012
002	NSW	Solid	03/26/2012 1310	03/27/2012
003	ssw	Solid	03/26/2012 1315	03/27/2012
004	ESW	Solid	03/26/2012 1320	03/27/2012
005	wsw	Solid	03/26/2012 1325	03/27/2012

(5 samples)

Executive Summary

Excel Civil & Environmental Associates, PLLC

Lot Number: NC27048

Sample	Sample ID	Matrix	Parameter	Method	Result	Q Units	Page
005	wsw	Solid	TPH-GRO	8015C	15000	ug/kg	9

(1 detection)

Analytical Method

8015C

Description: BASE

Date Sampled:03/26/2012 1300

Prep Method

5030B

Date Received: 03/27/2012

Run

Laboratory ID: NC27048-001

Matrix: Solid

% Solids: 73.2 03/27/2012 2252

т	D	Ц	_		D	\cap
			-	IJ	•	v

Run 1	Prep Method 3550C	Analytical Method 8015C	Dilution 1	Analysis D 03/29/2012	-	Prep 03/28/2	Date 012 1746	Batch 81292		
Param	eter			CAS Number	Analytical Method	Result	Q	PQL	Units	Run
TPH-C	RO				8015C	ND		9000	ug/kg	1
Surro	gate	Q	Run 1 % Recov							
o - Tei	phenyl		91	55-12	20					

TPH - GRO

DJK

Prep Date

Batch

81490

Dilution Analysis Date

1

03/29/2012 1817

Parameter		C Numi		Analytical Method	Result	Q	PQL	Units	Run
TPH-GRO				8015C	ND		11000	ug/kg	1
Surrogate	Q	Run 1 A % Recovery	cceptan Limits	ce					
Bromofluorobenzene		131	45-132						

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range P = The RPD between two GC columns exceeds 40%

H = Out of holding time

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

* = Reportable result (only when report all runs)

Page: 5 of 9

Description: NSW

TPH-GRO

Date Sampled:03/26/2012 1310

Date Received: 03/27/2012

Laboratory ID: NC27048-002

Matrix: Solid

8100

ug/kg

1

% Solids: 69.7 03/27/2012 2252

TPH - DRO)	C	(•	₹	F	ľ	1	Ī		_	l	-	ŀ)	I	Γ	٦	
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Run 1	Prep Method 3550C	Analytical Method 8015C	Dilution 1	Analysis Da 03/29/2012	•	•	Date 012 1746	Batch 81292			
Paran	neter			CAS Number	Analytical Method	Result	Q	PQL	Units	Run	
TPH-0	DRO		<u> </u>		8015C	ND		9300	ug/kg	1	_

Acceptance Limits Run 1 Q % Recovery Surrogate

o - Terphenyl 82 55-120

TPH - GRO

8015C

ND

Run 1	Prep Method 5030B	Analytical Method 8015C	Dilution 1	Analysis D 03/29/2012			Date	Batch 81490		
Param	eter			CAS Number	Analytical	Result	0	POL	Units	Run

Run 1 Acceptance Surrogate Q % Recovery Limits

Bromofluorobenzene 82 45-132

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Analytical Method

8015C

Description: SSW

Run

Date Sampled:03/26/2012 1315

Prep Method

5030B

Date Received: 03/27/2012

Laboratory ID: NC27048-003

Matrix: Solid

% Solids: 73.1 03/27/2012 2252

Т	D	Н	_	ח	P	\cap
			_			_

Run 1	Prep Method 3550C	Analytical Method 8015C	Dilution 1	Analysis I 03/29/2012	•	•	Date 012 1746	Batch 81292		•
Param	eter			CAS Number	Analytical Method	Result	Q	PQL	Units	Run
TPH-D	RO				8015C	ND		9000	ug/kg	1
Surro	gate	Q	Run ' % Recov							
o - Ter	phenyl	·	88	55-1	20					

TPH - GRO

Prep Date

Batch

81490

Dilution Analysis Date

03/29/2012 1941

Parameter	 CAS Number	, . ,	Result	Q	PQL	Units	Run
TPH-GRO		8015C	ND		9600	ug/kg	1
Surrogate		eptance imits					
Bromofluorobenzene	 86 4	5-132					

ND = Not detected at or above the PQL $\,$ J = Estimated result < PQL and \geq MDL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Description: ESW

Date Sampled:03/26/2012 1320

Date Received: 03/27/2012

Laboratory ID: NC27048-004

Matrix: Solid

% Solids: 70.1 03/27/2012 2252

т.	n		1	_		\sim
	Г	П	_	u	К	0

Run 1	Prep Method 3550C	Analytical Method 8015C	Dilution 1	Analysis Da 03/29/2012	•	Prep Date 03/28/2012 1746		Batch 81292		
Param	neter			CAS Number	Analytical Method	Result	Q	PQL	Units	Run
TPH-C	RO				8015C	ND		9400	ug/kg	1
Surro	gate	Q	Run 1 % Recov							
o - Tei	rphenyl		87	55-12	0					

TPH - GRO

Run 2	Prep Method 5030B	Analytical Method 8015C	Dilution 1	Analysis I 03/30/2012	•	Prep	Date	Batch 81490		
Param	eter			CAS Number	Analytical Method	Result	Q	PQL	Units	Run
трн-G	RO				8015C	ND		10000	ug/kg	2
Surrog	jate	Q	Run % Reco			_			•	
Bromo	fluorobenzene		110	45-1	32					

Description: WSW

Date Sampled:03/26/2012 1325

Date Received: 03/27/2012

Laboratory ID: NC27048-005

Matrix: Solid

% Solids: 79.3 03/27/2012 2252

TPH - DRO

Run 1	Prep Method 3550C	Analytical Method 8015C	Dilution 1	Analysis D 03/29/2012	•	Prep 1 03/28/2	Date 012 1746	Batch 81292		
Param	neter			CAS Number	Analytical Method	Result	Q	PQL	Units	Run
TPH-D	RO				8015C	ND		8400	ug/kg	1
Surro	gate	Q	Run 1 % Recov							
o - Ter	phenyl		96	55-12	20					

TPH - GRO

Run 1	Prep Method 5030B	Analytical Method 8015C		alysis Da 19/2012 2	•	Prep	Date	Batch 81490		
Param	eter		Num	CAS ber	Analytical Method	Result	Q	PQL	Units	Run
трн-с	RO				8015C	15000		5900	ug/kg	1
Surro	gate	Q	Run 1 A % Recovery	cceptan Limits						
Bromo	fluorobenzene		81	45-132	<u> </u>					

Level 1 Report v2.1

Care and Stranger		SHEALY ENVIRONMENTAL SERVICES, INC.
	Chain of Custody Record	106 Vantage Point Drivo West Columbia, South Carolina 29172

West Columbia, South Carolina 29172 Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number	10	180)2	3
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SHEALY ENVIRONMENTAL SERVICES,

																									
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Shouly Environmental Services, Inc. Document Number: F-AD-016 Revision Number; 9 Page 1 of 1 Replaces Date: 65/06/11 Effective Date: 10/11/91

Client: ICC (A) Sample Receipt Checklist (SRC) Cooler Inspected by/date: ICC (3/27/2 Lot #: MCZ) 04/	-
Chent: 100 107 (Cooler Inspected by/date:107 15/10/11/11/11/11/11/11/11/11/11/11/11/11/	_
Means of receipt: SESI Client UPS FedEx Airborne Exp Other	_
Yes No 1. Were custody seals present on the cooler?	
Yes No 2. If custody seals were present, were they intact and unbroken?	
Cooler ID/temperature upon receipt // © °C / °C / °C / °C / °C / °C .	
Method: Temperature Blank Against Bottles	
Method of coolant: Wet Ice Blue Ice Dry Ice None	
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.	
3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified?	
Yes No No NA PM notified by SRC, phone, note (circle one), other (For	
coolers received via commercial courier. PMs are to be notified immediately.	
Yes No No 14. Is the commercial courier's packing slip attached to this form?	
Yes No 5. Were proper custody procedures (relinquished/received) followed?	
Yes No NA NA Sa Were samples relinquished by client to commercial courier?	
Yes No 6. Were sample IDs listed?	_
Yes + No □ + 7. Was collection date & time listed? Yes + No □ + 8. Were tests to be performed listed on the COC?	
Yes No 9. Did all samples arrive in the proper containers for each test?	
Yes No 10. Did all container label information (ID, date, time) agree with COC?	_
Yes No 11. Did all containers arrive in good condition (unbroken, lids on, etc.)?	
Yes No 12. Was adequate sample volume available?	_
- 13 Were all samples received within ½ the holding time or 48 hours, whichever	
Yes No comes first?	
Yes No. 14. Were any samples containers missing?	
Yes No 15. Were there any excess samples not listed on COC?	,.
Yes No NA	
Yes No NA 17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?	_
Yes No NA 1: 18. Were all cyanide and/or sulfide samples received at a pH >12?	
10 West Boundary State of the S	
Yes No NA 19. Were all applicable NTB/TKN/cyanide/pitenor/BNA/pest/TCB/nero (<0.2mg/L) samples free of residual chlorine?	
Yes ☐ No ☑ NA ☐ 20. Were collection temperatures documented on the COC for NC samples?	
Yes No	
etc) correctly transcribed from the COC find the Comment, section in Crists	5?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)	
Sample(s) were received incorrectly preserved and were adjuste	
accordingly in sample receiving with (H ₂ SO ₄ HNO ₃ ,HCLNaOH) with the SR # (number	r)
Sample(s) were received with bubbles >6 mm in diameter.	
Sample(s) were received with TRC >0.2 mg/L for NH3/	
TKN/cyanide/BNA/pest/PCB/herb.	
Corrective Action taken, if necessary:	
Was client notified: Yes No Did client respond: Yes No	
SESI employee: Date of response:	
Comments:	
	_
The state of the s	

Report of Analysis

Excel Civil & Environmental Associates, PLLC

PO Box 6172 Gastonia, NC 28056-6000 Attention: Thomas Garrison

Project Name: Chronicle Mill

Project Number: 2011085

Lot Number: NC27047

Date Completed: 04/06/2012

Lucas Odom

Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

SC DHEC No: 32010 NELAC No: E87653 NC DENR No: 329

Case Narrative Excel Civil & Environmental Associates, PLLC

Lot Number: NC27047

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary

Excel Civil & Environmental Associates, PLLC

Lot Number: NC27047

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1 / SS-1	Solid	03/26/2012 1230	03/27/2012
002	MW-2 / SS-1	Solid	03/26/2012 1250	03/27/2012
003	MW-3 / SS-1	Solid	03/26/2012 1330	03/27/2012
004	MW-4 / SS-1	Solid	03/26/2012 1400	03/27/2012

(4 samples)

Executive Summary

Excel Civil & Environmental Associates, PLLC

Lot Number: NC27047

Sample	e Sample ID	Matrix	Parameter	Method	Result	Q Units	Page
001	MW-1 / SS-1	Solid	Naphthalene	8260B	420	ug/kg	6
003	MW-3 / SS-1	Solid	Naphthalene	8260B	81	ug/kg	10
004	MW-4 / SS-1	Solid	Naphthalene	8260B	6.2	ug/kg	12

(3 detections)

Description: MW-1 / SS-1 Date Sampled:03/26/2012 1230

Date Received: 03/27/2012

Laboratory ID: NC27047-001

Matrix: Solid

% Solids: 60.4 03/27/2012 2252

Volatile Organic Compounds by GC/MS

Analytical Method Sample Wt.(g) Dilution **Analysis Date** Analyst Prep Date Batch **Prep Method** Run 8260B 1 03/30/2012 0234 JJG 81451 6.02 1 5035 **Analytical** CAS Result Q PQL Unite Run **Parameter** Number Method 67-64-1 8260B ND 28 ug/kg 1 Acetone

71-43-2 8260B ND 6.9 ug/kg 1 Benzene Bromobenzene 108-86-1 8260B ND 6.9 ug/kg 1 Bromochloromethane 74-97-5 8260B ND 6.9 ug/kg 1 75-27-4 8260B ND 6.9 ug/kg 1 Bromodichloromethane 75-25-2 8260B NΠ 6.9 ug/kg 1 Bromoform Bromomethane (Methyl bromide) 74-83-9 8260B ND 6.9 ug/kg 1 2-Butanone (MEK) 78-93-3 8260B ND 14 ug/kg 1 8260B ND 6.9 ug/kg 1 n-Butylbenzene 104-51-8 8260B ND ug/kg 1 135-98-8 6.9 sec-Butylbenzene 8260B ND tert-Butylbenzene 98-06-6 6.9 ug/kg 1 Carbon tetrachloride 56-23-5 8260B ND 6.9 ug/kg 1 Chlorobenzene 108-90-7 8260B ND 6.9 ua/ka 1 Chloroethane 75-00-3 8260B ND 6.9 ug/kg 1 Chloroform 67-66-3 8260B ND 6.9 ug/kg 1 Chloromethane (Methyl chloride) 74-87-3 8260B ND 6.9 ug/kg 1 8260B ND 6.9 ug/kg 1 2-Chlorotoluene 95-49-8 8260B ND 6.9 ug/kg 1 106-43-4 4-Chlorotoluene ND ug/kg 8260B 6.9 1 Dibromochloromethane 124-48-1 106-93-4 8260B ND 6.9 ug/kg 1 1,2-Dibromoethane (EDB) 95-50-1 8260B ND 6.9 ug/kg 1 1,2-Dichlorobenzene 8260B ND 6.9 ug/kg 1,3-Dichlorobenzene 541-73-1 1 8260B ND 6.9 ug/kg 1 1,4-Dichlorobenzene 106-46-7 Dichlorodifluoromethane 75-71-8 8260B ND 6.9 ug/kg 1 8260B ND ug/kg 1 1.1-Dichloroethane 75-34-3 6.9 ug/kg 8260B ND 6.9 1 107-06-2 1,2-Dichloroethane ND ug/kg 1,1-Dichloroethene 75-35-4 8260B 6.9 1 156-59-2 8260B ND 6.9 ug/kg 1 cis-1,2-Dichloroethene 156-60-5 8260B ND 6.9 ug/kg 1 trans-1,2-Dichloroethene ug/kg 8260B ND 6.9 1 78-87-5 1,2-Dichloropropane 1,3-Dichloropropane 142-28-9 8260B ND 6.9 ug/kg 1 8260B 594-20-7 ND 6.9 ug/kg 1 2,2-Dichloropropane 8260B ND 6.9 ug/kg 1 563-58-6 1,1-Dichloropropene ug/kg 8260B ND 6.9 cis-1,3-Dichloropropene 10061-01-5 1 10061-02-6 8260B ND 6.9 ug/kg 1 trans-1,3-Dichloropropene 108-20-3 8260B ND 6.9 ug/kg 1 Diisopropyl ether (IPE) ND 6.9 1 100-41-4 8260B ug/kg Ethylbenzene 2-Hexanone 591-78-6 8260B ND 14 ug/kg 1 Isopropylbenzene 98-82-8 8260B ND 6.9 ug/kg 1

PQL = Practical quantitation limit

p-Isopropyltoluene

B = Detected in the method blank

99-87-6

8260B

E = Quantitation of compound exceeded the calibration range

6.9

H = Out of holding time

ug/kg

ND = Not detected at or above the PQL J = Estimated result < PQL and > MDL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

P = The RPD between two GC columns exceeds 40% * = Reportable result (only when report all runs)

ND

N = Recovery is out of criteria

1

Description: MW-1 / SS-1

Date Sampled:03/26/2012 1230

Date Received: 03/27/2012

Laboratory ID: NC27047-001

Matrix: Solid

% Solids: 60.4 03/27/2012 2252

Volatile Organic Compounds by GC/MS

Run 1	Prep Method 5035	Analytical Method 8260B		Analysis Da 3/30/2012 0		Prep	Date	Batch San 81451	nple Wt.(g) 6.02	
Paran	neter		N	CAS umber	Analytical Method	Result	Q	PQL	Units	Run
Methy	tertiary butyl ether (f	MTBE)	163	4-04-4	8260B	ND		6.9	ug/kg	1
4-Metl	yl-2-pentanone		10	8-10-1	8260B	ND		14	ug/kg	1
Methy	lene chloride		7.	5-09-2	8260B	ND		6.9	ug/kg	1
Napht	halene		9	1-20-3	8260B	420		6.9	ug/kg	1
n-Prop	ylbenzene		10	3-65-1	8260B	ND		6.9	ug/kg	1
Styren	е		10	0-42-5	8260B	ND		6.9	ug/kg	1
1,1,2,2	?-Tetrachloroethane		7:	9-34-5	8260B	ND		6.9	ug/kg	1
Tetrac	hloroethene		12	7-18-4	8260B	ND		6.9	ug/kg	1
Toluer	ie		10	8-88-3	8260B	ND		6.9	ug/kg	1
1,2,3-	Frichlorobenzene		8	7-61-6	8260B	ND		6.9	ug/kg	1
1,2,4-	Trichlorobenzene		12	0-82-1	8260B	ND		6.9	ug/kg	1
1,1,1-	Frichloroethane		7	1-55-6	8260B	ND		6.9	ug/kg	1
1,1,2-	Frichloroethane		7	9-00-5	8260B	ND		6.9	ug/kg	1
Trichlo	roethene		7	9-01-6	8260B	ND		6.9	ug/kg	1
Trichlo	rofluoromethane		7:	5-69-4	8260B	ND		6.9	ug/kg	1
1,2,3-	Trichloropropane	*	9	6-18-4	8260B	ND		6.9	ug/kg	1
1,2,4-	Trimethylbenzene		9:	5-63-6	8260B	ND		6.9	ug/kg	1
1,3,5-	Frimethylbenzene		108	8-67-8	8260B	ND		6.9	ug/kg	1
Vinyl a	cetate		108	8-05-4	8260B	ND		6.9	ug/kg	1
Vinyl c	hloride		7:	5-01-4	8260B	ND		6.9	ug/kg	1
Xylene	es (total)		133	0-20-7	8260B	ND		6.9	ug/kg	1
Surro	gate	Q	Run 1 % Recover	Acceptan y Limits	ce					
1,2-Di	chloroethane-d4		121	53-142		· · · · · ·				
Bromo	fluorobenzene		103	47-138						
Toluer	ie-d8		95	68-124						

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Description: MW-2 / SS-1

Date Sampled:03/26/2012 1250 Date Received: 03/27/2012

Laboratory ID: NC27047-002

Matrix: Solid

% Solids: 77.8 03/27/2012 2252

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	03/30/2012 0258	JJG		81451	5.86
3	5035	8260B	50	04/05/2012 1801	AAC		81969	4.98

	CAS	Analytical				
Parameter	Number	Method	Result	Q PQL	Units	Run
Acetone	67-64-1	8260B	ND	22	ug/kg	1
Benzene	71-43-2	8260B	ND	5.5	ug/kg	1
Bromobenzene	108-86-1	8260B	ND	5.5	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND	5.5	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND	5.5	ug/kg	1
Bromoform	75-25-2	8260B	ND	5.5	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND	5.5	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND	11	ug/kg	1
n-Butylbenzene	104-51-8	8260B	ND	5.5	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND	5.5	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND	5.5	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND	5.5	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND	5.5	ug/kg	1
Chloroethane	75-00-3	8260B	ND	5.5	ug/kg	1
Chloroform	67-66-3	8260B	ND	5.5	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND	5.5	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND	5.5	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND	5.5	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND	5.5	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND	5.5	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND	5.5	ug/kg	1
1,3-Dichlorobenzene	541 - 73-1	8260B	ND	5.5	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND	5.5	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND	5.5	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND	5.5	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND	5.5	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND	5.5	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND	5.5	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND	5.5	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND	5.5	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND	5.5	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND	5.5	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND	5.5	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND	5.5	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND	5.5	ug/kg	1 -
Diisopropyl ether (IPE)	108-20-3	8260B	ND	5.5	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND	5.5	ug/kg	1
2-Hexanone	591-78-6	8260B	ND	11	ug/kg	1
Isopropylbenzene	98-82-8	8260B	ND	5.5	ug/kg	1

PQL = Practical quantitation limit

B = Detected in the method blank

J = Estimated result < PQL and > MDL

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" P = The RPD between two GC columns exceeds 40% * = Reportable result (only when report all runs)

N = Recovery is out of criteria

Description: MW-2 / SS-1

Date Sampled:03/26/2012 1250

Date Received: 03/27/2012

Laboratory ID: NC27047-002

Matrix: Solid

% Solids: 77.8 03/27/2012 2252

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch	Sample Wt.(g)
1	5035	8260B	1	03/30/2012 0258	JJG		81451	5.86
3	5035	8260B	50	04/05/2012 1801	AAC		81969	4.98

Parameter				nalytical Method	Result	Q	PQL	Units	Run
p-Isopropyltoluene		99-	87-6	8260B	ND		5.5	ug/kg	1
Methyl tertiary butyl ether (MTBE)		1634-	04-4	8260B	ND		5.5	ug/kg	1
4-Methyl-2-pentanone		108-	10-1	8260B	ND		11	ug/kg	1
Methylene chloride		75-	09-2	8260B	ND		5.5	ug/kg	1
Naphthalene		91-	20-3	8260B	ND		320	ug/kg	3
n-Propylbenzene		103-	65-1	8260B	ND		5.5	ug/kg	1
Styrene		100-	42-5	8260B	ND		5.5	ug/kg	1
1,1,2,2-Tetrachloroethane		79-	34-5	8260B	ND		5.5	ug/kg	1
Tetrachloroethene		127-	18-4	8260B	ND		5.5	ug/kg	1
Toluene		108-	88-3	8260B	ND		5.5	ug/kg	1
1,2,3-Trichlorobenzene		87-	61-6	8260B	ND		5.5	ug/kg	1
1,2,4-Trichlorobenzene		120-	82-1	8260B	ND		5.5	ug/kg	1
1,1,1-Trichloroethane		71-	55-6	8260B	ND		5.5	ug/kg	1
1,1,2-Trichloroethane		79-	00-5	8260B	ND		5.5	ug/kg	1
Trichloroethene		79-	01-6	8260B	ND		5.5	ug/kg	1
Trichlorofluoromethane		75-	69-4	8260B	ND		5.5	ug/kg	1
1,2,3-Trichloropropane		96-	18-4	8260B	ND		5.5	ug/kg	1
1,2,4-Trimethylbenzene		95-	63-6	8260B	ND		5.5	ug/kg	1
1,3,5-Trimethylbenzene		108-	67-8	8260B	ND		5.5	ug/kg	1
Vinyl acetate		108-	05-4	8260B	ND		5.5	ug/kg	1
Vinyl chloride		75-	01-4	8260B	ND		5.5	ug/kg	1
Xylenes (total)		1330-	20-7	8260B	ND		5.5	ug/kg	1
Surrogate	Q	Run 1 % Recovery	Acceptance Limits	Q %	Run 3 Ao Recovery	cceptance Limits			
1,2-Dichloroethane-d4		104	53-142		88	53-142	9, 3,875		56,79
Bromofluorobenzene		110	47-138		90	47-138			

PQL = Practical quantitation limit

Toluene-d8

B = Detected in the method blank

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

E = Quantitation of compound exceeded the calibration range

68-124

H = Out of holding time

ND = Not detected at or above the PQL

J = Estimated result < PQL and > MDL

85

68-124

P = The RPD between two GC columns exceeds 40%
* = Reportable result (only when report all runs)

N = Recovery is out of criteria

88

Description: MW-3 / SS-1

Date Sampled:03/26/2012 1330 Date Received: 03/27/2012

Laboratory ID: NC27047-003

Matrix: Solid

% Solids: 75.3 03/27/2012 2252

Volatile Organic Compounds by GC/MS

Run Prep Method Analytical Meth 1 5035 826	hod Dilution Analysis 60B 1 03/30/201	•	Prep Da	ate Batch San 81451	nple Wt.(g) 6.52	
	CAS	Analytical				
Parameter	Number	Method	Result (Q PQL	Units	Run
Acetone	67-64-1	8260B	ND	20	ug/kg	1
Benzene	71-43-2	8260B	·ND	5.1	ug/kg	1
Bromobenzene	108-86-1	8260B	ND	5.1	ug/kg	1
Bromochloromethane	74-97-5	8260B	ND	5.1	ug/kg	1
Bromodichloromethane	75-27-4	8260B	ND	5.1	ug/kg	1
Bromoform	75-25-2	8260B	ND	5.1	ug/kg	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND	5.1	ug/kg	1
2-Butanone (MEK)	78-93-3	8260B	ND	10	ug/kg	1
n-Butylbenzene	104-51-8	8260B	ND	5.1	ug/kg	1
sec-Butylbenzene	135-98-8	8260B	ND	5.1	ug/kg	1
tert-Butylbenzene	98-06-6	8260B	ND	5.1	ug/kg	1
Carbon tetrachloride	56-23-5	8260B	ND	5.1	ug/kg	1
Chlorobenzene	108-90-7	8260B	ND	5.1	ug/kg	1
Chloroethane	75-00-3	8260B	ND	5.1	ug/kg	1
Chloroform	67-66-3	8260B	ND	5.1	ug/kg	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND	5.1	ug/kg	1
2-Chlorotoluene	95-49-8	8260B	ND	5.1	ug/kg	1
4-Chlorotoluene	106-43-4	8260B	ND	5.1	ug/kg	1
Dibromochloromethane	124-48-1	8260B	ND	5.1	ug/kg	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND	5.1	ug/kg	1
1,2-Dichlorobenzene	95-50-1	8260B	ND	5.1	ug/kg	1
1,3-Dichlorobenzene	541-73-1	8260B	ND	5.1	ug/kg	1
1,4-Dichlorobenzene	106-46-7	8260B	ND	5.1	ug/kg	1
Dichlorodifluoromethane	75-71-8	8260B	ND	5.1	ug/kg	1
1,1-Dichloroethane	75-34-3	8260B	ND	5.1	ug/kg	1
1,2-Dichloroethane	107-06-2	8260B	ND	5.1	ug/kg	1
1,1-Dichloroethene	75-35-4	8260B	ND	5.1	ug/kg	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND	5.1	ug/kg	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND	5.1	ug/kg	1
1,2-Dichloropropane	78-87-5	8260B	ND	5.1	ug/kg	1
1,3-Dichloropropane	142-28-9	8260B	ND	5.1	ug/kg	1
2,2-Dichloropropane	594-20-7	8260B	ND	5.1	ug/kg	1
1,1-Dichloropropene	563-58-6	8260B	ND	5.1	ug/kg	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND	5.1	ug/kg	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND	5.1	ug/kg	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND	5.1	ug/kg	1
Ethylbenzene	100-41-4	8260B	ND	5.1	ug/kg	1
2-Hexanone	591-78-6	8260B	ND	10	ug/kg	1

8260B

8260B

PQL = Practical quantitation limit

Isopropylbenzene

p-Isopropyltoluene

B = Detected in the method blank

98-82-8

99-87-6

* = Reportable result (only when report all runs)

ND

ND

5.1

5.1

H = Out of holding time

ug/kg

ug/kg

ND = Not detected at or above the PQL J = Estimated result < PQL and > MDL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" E = Quantitation of compound exceeded the calibration range P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

1

1

Description: MW-3 / SS-1

Date Sampled: 03/26/2012 1330

Date Received: 03/27/2012

Laboratory ID: NC27047-003

Matrix: Solid

% Solids: 75.3 03/27/2012 2252

Volatile Organic Compounds by GC/MS

Run 1	Prep Method 5035	Analytical Method 8260B	Dilution Analysis 1 03/30/201		Prep D	ate		le Wt.(g) .52	
			CAS	Analytical					1.73
Param	eter		Number	Method	Result	Q	PQL	Units	Run
Methyl	tertiary butyl ether (M	MTBE)	1634-04-4	8260B	ND		5.1	ug/kg	1
4-Meth	yl-2-pentanone		108-10-1	8260B	ND		10	ug/kg	1
Methyl	ene chloride		75-09-2	8260B	ND		5.1	ug/kg	1
Napht	halene		91-20-3	8260B	81		5.1	ug/kg	1
n-Prop	ylbenzene		103-65-1	8260B	ND		5.1	ug/kg	1
Styren	е		100-42-5	8260B	ND		5.1	ug/kg	1
1,1,2,2	-Tetrachloroethane		79-34-5	8260B	ND		5.1	ug/kg	1
Tetracl	hloroethene		127-18-4	8260B	ND		5.1	ug/kg	1
Toluen	e		108-88-3	8260B	ND		5.1	ug/kg	1
1,2,3-T	richlorobenzene		87-61-6	8260B	ND		5.1	ug/kg	1
1,2,4-T	richlorobenzene		120-82-1	8260B	ND		5.1	ug/kg	1
1,1,1-T	richloroethane		71-55-6	8260B	ND		5.1	ug/kg	1
1,1,2-T	richloroethane		79-00-5	8260B	ND		5.1	ug/kg	1
Trichlo	roethene		79-01-6	8260B	ND		5.1	ug/kg	1
Trichlo	rofluoromethane		75-69-4	8260B	ND		5.1	úg/kg	1
1,2,3-T	richloropropane		96-18-4	8260B	ND		5.1	ug/kg	1
1,2,4-T	rimethylbenzene		95-63-6	8260B	ND		5.1	ug/kg	1
1,3,5-T	rimethylbenzene		108-67-8	8260B	ND		5.1	ug/kg	1
Vinyl a	cetate		108-05-4	8260B	ND		5.1	ug/kg	1
Vinyl c	hloride		75-01-4	8260B	ND		5.1	ug/kg	1
Xylene	es (total)		1330-20-7	8260B	ND		5.1	ug/kg	1
Surrog	gate	Q	Run 1 Accept % Recovery Lim						
1,2-Dic	chloroethane-d4		121 53-1	42					
Bromo	fluorobenzene		109 47-1	38					
Toluen	e-d8		110 68-1	24					

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL

J = Estimated result < PQL and > MDL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

* = Reportable result (only when report all runs)

Description: MW-4 / SS-1 Date Sampled:03/26/2012 1400

Date Received: 03/27/2012

Laboratory ID: NC27047-004

Matrix: Solid

% Solids: 78.8 03/27/2012 2252

Volatile Organic Compounds by GC/MS

Run 1	Prep Method 5035	Analytical Method 8260B	Dilution Analysis 1 03/30/2013	•	Prep [Date Batch 81451	Sample Wt.(g) 5.70	
D		-	CAS	Analytical	Dogult	Q PQL	Units	Run
Parar			Number	Method	Result			
Aceto			67-64-1	8260B	ND	22	- 0	1
Benze			71-43-2	8260B	ND	5.6		1
_	obenzene		108-86-1	8260B	ND	5.6		1
Brom	ochloromethane		74-97-5	8260B	ND	5.6		1
Brom	odichloromethane		75-27-4	8260B	ND	5.6	0 0	1
Brom	oform		75-25-2	8260B	ND	5.6	0 0	1
Brom	omethane (Methyl bro	omide)	74-83-9	8260B	ND	5.6		1
2-But	anone (MEK)		78-93-3	8260B	ND	11		1
n-But	ylbenzene		104-51-8	8260B	ND	5.6	- 5 0	1
sec-B	lutylbenzene		135-98-8	8260B	ND	5.6	0.0	1
tert-B	utylbenzene		98-06-6	8260B	ND	5.6	ug/kg	1
Carbo	on tetrachloride		56-23-5	8260B	ND	5.6	ug/kg	1
Chlor	obenzene		108-90-7	8260B	ND	5.6	ug/kg	1
Chlor	oethane		75-00-3	8260B	ND	5.6	ug/kg	1
Chlor	oform		67-66-3	8260B	ND	5.6	ug/kg	1
Chlor	omethane (Methyl chl	oride)	74-87-3	8260B	ND	5.6	ug/kg	1
2-Chl	orotoluene		95-49-8	8260B	ND	5.6	ug/kg	1
4-Chl	orotoluene		106-43-4	8260B	ND	5.6	ug/kg	1
Dibro	mochloromethane		124-48-1	8260B	ND	5.6	ug/kg	1
1,2-D	ibromoethane (EDB)		106-93-4	8260B	ND	5.6	ug/kg	1
1,2-D	ichlorobenzene		95-50-1	8260B	ND	5.6	ug/kg	1
1,3-D	ichlorobenzene		541-73-1	8260B	ND	5.6	ug/kg	1
1,4-D	ichlorobenzene		106-46-7	8260B	ND	5.6	ug/kg	1
Dichlo	orodifluoromethane		75-71-8	8260B	ND	5.6	ug/kg	1
1,1-D	ichloroethane		75-34-3	8260B	ND	5.6	ug/kg	1
1,2-D	ichloroethane		107-06-2	8260B	ND	5.6	ug/kg	1
1,1-D	ichloroethene		75-35-4	8260B	ND	5.6	ug/kg	1
cis-1.	2-Dichloroethene		156-59-2	8260B	ND	5.6	ug/kg	1
	1,2-Dichloroethene		156-60-5	8260B	ND	5.6		1
	ichloropropane		78-87-5	8260B	ND	5.6		1
-	ichloropropane		142-28-9	8260B	ND	5.6	ug/kg	1
	ichloropropane		594-20-7	8260B	ND	5.6		1
-	ichloropropene		563-58-6	8260B	ND	5.6	• •	1
	3-Dichloropropene		10061-01-5	8260B	ND	5.6		1
	-1,3-Dichloropropene		10061-02-6	8260B	ND	5.6		1
	propyl ether (IPE)		108-20-3	8260B	ND	5.6		1
	penzene		100-41-4	8260B	ND	5.6	• •	1
•	kanone		591-78-6	8260B	ND	11		1
	opylbenzene		98-82-8	8260B	ND	5.6		1

PQL = Practical quantitation limit

p-Isopropyltoluene

B = Detected in the method blank

 $J = Estimated result < PQL and <math>\geq MDL$

99-87-6

E = Quantitation of compound exceeded the calibration range P = The RPD between two GC columns exceeds 40%

5.6

H = Out of holding time

ug/kg

ND = Not detected at or above the PQL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W" $\,$

* = Reportable result (only when report all runs)

ND

8260B

N = Recovery is out of criteria

Shealy Environmental Services, Inc.

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1

Description: MW-4 / SS-1

Date Sampled:03/26/2012 1400

Date Received: 03/27/2012

Laboratory ID: NC27047-004

Matrix: Solid

% Solids: 78.8 03/27/2012 2252

Volatile Organic Compounds by GC/MS

Run 1	Prep Method 5035	Analytical Method 8260B	Dilution 1	Analysis 03/30/201		Prep	Date	The second secon	le Wt.(g) 5.70	
Paran	actor			CAS	Analytical	Result	_	PQL	Units	Run
				Number	Method		Q			
	I tertiary butyl ether (N	MTBE)		34-04-4	8260B	ND		5.6	ug/kg	1
	hyl-2-pentanone			08-10-1	8260B	ND		11	ug/kg	1
	lene chloride			75-09-2	8260B	ND		5.6	ug/kg	1
	thalene			91-20-3	8260B	6.2		5.6	ug/kg	1
	pylbenzene			03-65-1	8260B	ND		5.6	ug/kg	1
Styrer				00-42-5	8260B	ND		5.6	ug/kg	1
	2-Tetrachloroethane			79-34-5	8260B	ND		5.6	ug/kg	1
	chloroethene			27-18-4	8260B	ND		5.6	ug/kg	1
Tolue	ne			08-88-3	8260B	ND		5.6	ug/kg	1
1,2,3-	Trichlorobenzene			87-61-6	8260B	ND		5.6	ug/kg	1
1,2,4-	Trichlorobenzene		1	20-82-1	8260B	ND		5.6	ug/kg	1
1,1,1-	Trichloroethane			71-55-6	8260B	ND		5.6	ug/kg	1
1,1,2-	Trichloroethane			79-00-5	8260B	ND		5.6	ug/kg	1
Trichlo	proethene			79-01-6	8260B	ND		5.6	ug/kg	1
Trichlo	orofluoromethane			75-69-4	8260B	ND		5.6	ug/kg	1
1,2,3-	Trichloropropane			96-18-4	8260B	ND		5.6	ug/kg	1
1,2,4-	Trimethylbenzene			95-63-6	8260B	ND		5.6	ug/kg	1
1,3,5-	Trimethylbenzene		1	08-67-8	8260B	ND		5.6	ug/kg	1
Vinyl a	acetate		1	08-05-4	8260B	ND		5.6	ug/kg	1
Vinyl o	chloride			75-01-4	8260B	ND		5.6	ug/kg	1
Xylene	es (total)		13	30-20-7	8260B	ND		5.6	ug/kg	1
Surro	gate	Q	Run 1 % Recov	Accept ery Lim						
1,2-Di	chloroethane-d4		106	53-	142					
Bromo	ofluorobenzene		104	47-	138					
Tolue	ne-d8		94	68-	124					

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

P = The RPD between two GC columns exceeds 40% * = Reportable result (only when report all runs)

N = Recovery is out of criteria

Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.

106 Vantage Point Drive West Columbia, South Carolina 29172 Telephone No. (603) 791-9700 Fax No. (603) 791-9111 Number 108026

Document Mander F-AD-012 - Effective Date, 62 01-02

SHEALY ENVIRONMENTAL

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Shealy Environmental Services, Inc. Document Number: F-AD-016 Revision Number: 9

Page 1 of 1 Replaces Date: 05/06/11 Effective Date: 10/11/11

	, /	2	Sample Receipt Checklist (SRC)
lient: 1	DCel	/	Cooler Inspected by/date: 14 3/2/12 Lot #: 127047
		Principles and separate	
Means of	receipt:	SESI	☐ Client ☐ UPS ☐ FedEx ☐ Airborne Exp ☐ Other
Yes 🗌	No Z		Were custody seals present on the cooler?
Yes 🗌	No		2. If custody seals were present, were they intact and unbroken?
Cooler II)/tempera	iture upon r	eceipt / P °C / °C / °C / °C
Method:	☐ Te	mperature l	Blank Against Bottles
Method o	of coolant	W	et Ice Blue Ice Dry Ice None
If respon	se is No (or Yes for	14, 15, 16), an explanation/resolution must be provided.
			3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified?
Yes	No 🗌	NA	PM notified by SRC, phone, note (circle one), other: (For
p\	-		coolers received via commercial courier, PMs are to be notified immediately.
Yes	No	NA	4. Is the commercial courier's packing slip attached to this form?
Yes	No		Were proper custody procedures (relinquished/received) followed?
Yes	No	NA	5a Were samples relinquished by client to commercial courier?
Yes	No		6. Were sample IDs listed?
Yes	No	-	7. Was collection date & time listed?
Yes	No		Were tests to be performed listed on the COC?
Yes	No		Did all samples arrive in the proper containers for each test?
Yes	No		10. Did all container label information (ID, date, time) agree with COC?
Yes	No		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes	No L	1	12. Was adequate sample volume available?
Yes 🖳	No 🗌		 Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes 🗍	No		14. Were any samples containers missing?
Yes 🗌	No		15. Were there any excess samples not listed on COC?
V []	N- D	NIA CI	16. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA
Yes 🔲	No	NA	vials?
Yes 🗌	No 🗌	NA	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes 🗌	No 🗌	NA	18. Were all cyanide and/or sulfide samples received at a pH >12?
Yes 🗌	No 🗌	NACT	 Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) samples free of residual chlorine?
Yes 🗍	No	NAΠ	20. Were collection temperatures documented on the COC for NC samples?
			21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations,
Yes [No	NA	etc) correctly transcribed from the COC into the comment section in LIMS
Sample I	reservat	tion (Mus	t be completed for any sample(s) incorrectly preserved or with headspace.)
Sample(s)		were received incorrectly preserved and were adjuste
according	gly in san	ple receiving	ng with(H ₂ SO ₄ ,HNO ₃ ,HCl,NaOH) with the SR # (number
Sample(s)	,	were received with bubbles >6 mm in diameter.
Sample(s)		were received with TRC >0.2 mg/L for NH3/
		A/pest/PCB	
orrectiv	e Action	taken, if ne	
		Yes [
ESI empl			Date of response:
omments			

Report of Analysis

Excel Civil & Environmental Associates, PLLC

PO Box 6172 Gastonia, NC 28056-6000 Attention: Thomas Garrison

Project Name: Chronicle Mill

Project Number: 2011085

Lot Number: NE01019
Date Completed: 05/02/2012

Lucas Odom

Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

SC DHEC No: 32010 NELAC No: E87653 NC DENR No: 329

Case Narrative Excel Civil & Environmental Associates, PLLC

Lot Number: NE01019

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary

Excel Civil & Environmental Associates, PLLC

Lot Number: NE01019

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	WSW-2	Solid	04/30/2012 1000	05/01/2012

(1 sample)

Executive Summary

Excel Civil & Environmental Associates, PLLC

Lot Number: NE01019

Sample Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page

(0 detections)

Description: WSW-2

Date Sampled:04/30/2012 1000

Date Received: 05/01/2012

Bromofluorobenzene

Laboratory ID: NE01019-001

Matrix: Solid

% Solids: 90.8 05/01/2012 2024

TPH - GRO

Run 1	Prep Method 5030B	Analytical Method 8015C		Analysis D 05/02/2012	-	Prep I	Date	Batch 83891		
Paran	neter			CAS Number	Analytical Method	Result	Q	PQL	Units	Run
TPH-0	GRO				8015C	ND		4600	ug/kg	1
Surro	gate	Q	Run 1 % Recove	Accepta ery Limits						

45-132

110

ND = Not detected at or above the PQL

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

SHEALY ENVIRONMENTAL SERVICES, INC. Chain of Custody Record SHEALY

106 Vantage Point Drive West Columbia, South Carolina 29172 Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number	1	1	0	7	3	3
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Document Number: F-AD-012 Effective Date: 05-04-02

SHEALY ENVIRONMENTAL SERVICES, INC.

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ECFA	T		(585	448	78																
Address 625 Huntsman Ct City Crastonia No. 210 Gode Project Name Chronicle WSUS Project No. RO. No.	Samy	Sampler's Signature							V	Waybili No.						Page 1 of 1			ge 1 of 1			
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Gastonia Ne 21054	Printe	ed Na	17/2																,			
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2011085	_	System		Matrix		Dy F	reser	vativ	e Type			11	/	/	/	/	/	/	/	/	10	E01019
Sample: 10 / Description Date /Containers for each sample may be combined on one line.)	Time	Cache	Aquecus	State Action	Chanses.	HSSOA	HWOS	MOSA HOSA	5035 (4)		13/	//	/	/		/	/	/	/		-	unks / Cooler I.D.
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Possible Hazard Identification			Sar	rysie Dis	avent.	_						Note	Allso	moles	are m	tained	for sin	y mosey	le fran	n receip	-	
Non-Hezard Flammable Skin Initant Polson Unk	пошп			Restures to		10	Ajspo	sai ti	y Lab			11500			therar							
Turn Around Time Required (Prior isb approval required for expedited T						-	ACCOUNTS NAMED IN		การการ	Spec	sify)						-					
Standard (Bush (Sceolly) Z.4-hr																						
L Beliconstant by	Da LA	10-	1.	Time	179	7	. Reci	7	11	0	1							I	V 1	20.12	Time	132
2. Resinguished by Mildger	50	30	1	1	45	2	2. Hea	elvad	by	-W	200	-						L	Date :	,,,,	Time	132
3. Relinquished by	Da	10		Turk	1	5	L Labo	mañov	у ласай	red by	2	7						1	Dafe 5 /	-12	Time	158
Comments							AB LI			milal	You	No A	ce Par	Ft.						-	1.7	°C

Page I of I Shealy Environmental Services, Inc. Replaces Date: 05/06/11 Document Number: F-AD-016 Effective Date: 10/11/11 Revision Number, 9 Sample Receipt Checklist (SRC) Cooler Inspected by/date: &CC 15/1/12 Lot #: NE 010 19 Client: Other Means of receipt: SESI ☐ Client UPS ☐ FedEx Airborne Exp Were custody scals present on the cooler? Yes No If custody seals were present, were they intact and unbroken? Yes 🔲 | No 🔲 °C CC. Cooler ID/temperature upon receipt Against Bottles Wet Ice Blue Ice Dry Ice ☐ None Method of coolant: If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided. 3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other:_ NA 🖾 No 🗌 coolers received via commercial courier, PMs are to be notified immediately. 4. Is the commercial courier's packing slip attached to this form? T NA Yes I No 5. Were proper custody procedures (relinquished/received) followed? Yes Tho 5a Were samples relinquished by client to commercial courier? Yes | No | NA 6. Were sample IDs listed? Yes 🔄 No 🛭 7. Was collection date & time listed? Yes A No Yes No No 8. Were tests to be performed listed on the COC? 9. Did all samples arrive in the proper containers for each test? Yes In No

Yes 🗂 No 🗌		10. Did all container label information (ID, date, time) agree with COC?					
Yes No		11. Did all containers arrive in good condition (unbroken, lids on, etc.)?					
Yes No		12. Was adequate sample volume available?					
		13. Were all samples received within 1/2 the holding time or 48 hours, whichever					
Yes No 🗆		comes first?					
Yes No		14. Were any samples containers missing?					
Yes No		15. Were there any excess samples not listed on COC?					
Yes No	NA.	16. Were hubbles present >"pea-size" (1/4" or 6mm in diameter) in any VOA					
Yes No	م السيد ۸۸۰	vials?					
Yes No	NAT	17. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?					
Yes No	NAD	18. Were all cyanide and/or sulfide samples received at a pH≥12?					
Yes No	NA 🗗	19. Were all applicable NH3/TKN/cyanide/phenol/BNA/past/PCB/herb					
	<u> </u>	(<0.2mg/L) samples free of residual chlorine?					
Yes No	NA 🖯	20. Were collection temperatures documented on the COC for NC samples?					
Yes 🔲 No 🔲	NA.	21. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations,					
168 🗀 36 🗀		etc) correctly transcribed from the COC into the comment section in LIMS?					
Sample Preservat	ion (Mus	t be completed for any sample(s) incorrectly preserved or with headspace.)					
Sample(s)		were received incorrectly preserved and were adjusted					
accordingly in sam	ple receivir	ng with(H ₂ SO ₄ ,HNO ₅ ,HCLNaOH) with the SR # (number)					
! :	·						
Sample(s)		were received with bubbles >6 mm in diameter.					
Sample(s)		were received with TRC >0.2 mg/L for NH3/					
TKN/eyanide/BNA							
Corrective Action (
Was elient notified:	Yes L						
SESI employeet		Date of response:					
Comments:							
ironmental Services, Inc.							
e Point Drive West Colur	mbia, SC 291	72 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com					

WELL CONSTRUCTION FORMS



Non Residential well construction record

North Carolina Department of Environment and Natural Resources-Division of Water Quality

WELL CONTRACTOR CERTIFICATION# 2525

1. WELL CONTRACTOR:	d. TOP OF CASING IS - 6" (+/-) FT, Above Land Surface*
Michael T. Stanforth	*Top of casing terminated at/or below land surface may require
Well Contractor (Individual) Name	a variance in accordance with 15A NCAC 2C .0118.
Excel Civil & Env Assoc	e. YIELD (gpm):METHOD OF TEST
Well Contractor Company Name	f. DISINFECTION: Type Amount
STREET ADDRESS 625 Huntsman Court	g. WATER ZONES (depth):
Gastonia NC 28054	FromToToToToTo
City or Town State Zip Code	From To From To To
(_704)853-0800	
Area code- Phone number 2. WELL INFORMATION:	6. CASING: Thickness/ Depth Diameter Weight Material
SITEWELL ID #(if applicable) MW-1	From 0' To 15' Ft 2" Sch40 PVC
STATE WELL PERMIT#(if applicable)	FromToFt
DWQ or OTHER PERMIT #(if applicable) 11683	From To Ft
WELL USE (Check Applicable Box) Monitoring Municipal/Public	7. GROUT: Depth Material Method
Industrial/Commercial	From 0' To 13' Ft. Neat Cement Tremmie
Irrigation Other (list use)	From 11' To 13' Ft. Bentonite Tremmie
DATE DRILLED 3/26/12	FromToFt
TIME COMPLETED 1000 AM PM	8. SCREEN: Depth Diameter Sick Size Material
3. WELL LOCATION:	From 15' To 30' Ft. 2" in. Sch40 in. PVC From To Ft. in. in. in.
CITY: Belmont COUNTY Gaston	From To Ftin in
96 East Catawba Street	9. SAND/GRAVEL PACK:
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)	Depth Size Material
TOPOGRAPHIC / LAND SETTING:	From 13' To 30' Ft. #2 Quartz
☐Stope ☐Valley ☑Flat ☐Ridge ☐ Other(check appropriate box)	FramToFt
LATITUDE 35.252924D May be in degrees.	FramTo Ft
LONGITUDE -81.034069D minutes, seconds or in a decimal format	10. DRILLING LOG
	From To Formation Description 0' 1' Asphalt & ABC Stone
Latitude/longitude source: GPS Topographic map (location of well must be shown on a USGS topo map and	0' 1' Asphalt & ABC Stone 1' 15' Reddish orange, silt-clay mixture
attached to this form if not using GPS)	15' 30' Light brown, silt-sand mixture
4. FACILITY- is the name of the business where the well is located.	
FACILITY ID #(if applicable)	
NAME OF FACILITY Chronicle Mills	<u> </u>
STREET ADDRESS 96 East Catawba Street	
Belmont NC	
City or Town State Zip Code	
CONTACT PERSON_Ed Sanz	
MAILING ADDRESS Post Office Box 651	
Belmont NC 28012	11. REMARKS:
City or Town State Zip Code	
(704). 578-8088 Area code - Phone number	
	I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH
5. WELL DETAILS:	15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER
a. TOTAL DEPTH: 30'	1 Shork 3/27/12
b. DOES WELL REPLACE EXISTING WELL? YES 11 NO 12	SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE
c. WATER LEVEL Below Top of Casing: 22.55FT. (Use "+" if Above Top of Casing)	Michael T. Stanforth
(030 - п/шого гор от оданцу)	PRINTED NAME OF PERSON CONSTRUCTING THE WELL



Non Residential well construction record

North Carolina Department of Environment and Natural Resources-Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2525

1. WELL CONTRACTOR:	d. TOP OF CASING IS 6" (+/-) FT. Above Land Surface"
Michael T. Stanforth	*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
Well Contractor (Individual) Name	e. YIELD (gpm): METHOD OF TEST
Excel Civil & Env Assoc Well Contractor Company Name	f. DISINFECTION: Type Amount
· ·	g. WATER ZONES (depth):
STREET ADDRESS 625 Huntsman Court	FromToToTo
Gastonia NC 28054	FromToToTo
City or Town State Zip Code	FromToToTo
(704)- 853-0800 Area code- Phone number	6. CASING: Thickness/
2. WELL INFORMATION:	Depth Diameter Weight Material From 0' To 15' Ft. 2" Sch40 PVC
SITE WELL ID #(if applicable) MW-2	From To Ft. 2 36140 FVC
STATE WELL PERMIT#(If applicable)	FramToFt
DWQ or OTHER PERMIT #(if applicable) 11683	7. GROUT: Depth Material Method
WELL USE (Check Applicable Box) Monitoring 27 Municipal/Public 1	From 0' To 13' Ft. Neat Cement Tremmie
Industrial/Commercial	From 11' To 13' Ft. Bentonite Tremmie
Irrigation Other (list use)	FramToFt
DATE DRILLED 3/26/12	8. SCREEN: Depth Diameter Stot Size Material
TIME COMPLETED 1200 AM PM	From 15' To 30' Ft. 2" in. Sch40 in. PVC
3. WELL LOCATION:	FromToFtin in
CITY: Belmont COUNTY Gaston	FromToFtin in
96 East Catawba Street	9. SAND/GRAVEL PACK:
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code) TOPOGRAPHIC / LAND SETTING:	Depth Size Material
□Slope □Valley ☑Flat □Ridge □ Other	From 13' To 30' Ft. #2 Quartz
(check appropriate box)	FromTo Ft From To Ft
LATITUDE 35.252924D May be in degrees, minutes, seconds or	
LONGITUDE -81.034069D in a decimal format	10. DRILLING LOG From To Formation Description
Latitude/longitude source: GPS Topographic map	0' 1' Asphalt & ABC Stone
(location of well must be shown on a USGS topo map and	1' 15' Reddish orange, silt-clay mixture
attached to this form if not using GPS)	15' 30' Light brown, silt-sand mixture
4. FACILITY- is the name of the business where the well is located	
FACILITY ID #(if applicable)	
NAME OF FACILITY_Chronicle Mills	
STREET ADDRESS 96 East Catawba Street	
Belmont NC City or Town State Zip Code	
CONTACT PERSON_Ed Sanz	
MAILING ADDRESS Post Office Box 651 Belmont NC 28012	11. REMARKS:
City or Town State Zip Code	TI, REMARKO.
(704) 578-8088	
Area code - Phone number	
5. WELL DETAILS:	I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS
a. TOTAL DEPTH: 30'	RECORD HAS BEEN PROVIDED TO THE WELL OWNER
b. DOES WELL REPLACE EXISTING WELL? YES NO IZ	SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE
c. WATER LEVEL Below Top of Casing: 24.25FT.	Michael T. Stanforth
(Use "+" if Above Top of Casing)	PRINTED NAME OF PERSON CONSTRUCTING THE WELL



North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION# _____ 2525

1. WELL CONTRACTOR:	d. TOP OF CASING IS 6" (+/-) FT. Above Land Surface*
Michael T. Stanforth	"Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
Well Contractor (Individual) Name	1
Excel Civil & Env Assoc	e. YIELD (gpm): METHOD OF TEST
Well Contractor Company Name	f. DISINFECTION: Type Amount
STREET ADDRESS 625 Huntsman Court	g. WATER ZONES (depth): From To To To
Gastonia NC 28054	From To
City or Town State Zip Code	
(704)- 853-0800	FromToToTo
Area code- Phone number 2. WELL INFORMATION:	6. CASING: Thickness/ Depth Diameter Weight Material
SITE WELL ID #(f applicable) MW-3	From 0' To 15' Ft. 2" Sch40 PVC
STATE WELL PERMIT#(if applicable)	FromToFt
DWQ or OTHER PERMIT #(if applicable) 11683	FramToFt
WELL USE (Check Applicable Box) Monitoring Municipal/Public	7. GROUT: Depth Material Method
Industrial/Commercial	From 0' To 13' Ft. Neat Cement Tremmie
Irrigation Other (list use)	Fram 11' To 13' Ft. Bentonite Tremmie
DATE DRILLED 3/26/12	FramToFt
TIME COMPLETED 1400 AM PM	8. SCREEN: Depth Diameter Sict Size Material
3. WELL LOCATION:	From 15' To 30' Ft. 2" in. Sch40 in. PVC
CITY: Belmont COUNTY Gaston	From To Ft. in. in
96 East Catawba Street	
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)	9. SAND/GRAVEL PACK: Depth Size Material
TOPOGRAPHIC / LAND SETTING:	From 13' To 30' Ft. #2 Quartz
□Slope □Valley □Flat □Ridge □ Other	FramToFt
(check appropriate box) LATITUDE 35.252924D May be in degrees.	FramToFt
minutes seconds or	10. DRILLING LOG
LONGITUDE -81.034069D in a decimal format	From To Formation Description
Latitude/longitude source: GPS ZTopographic map	0' 1' Asphalt & ABC Stone 1' 15' Reddish orange, silt-clay mixture
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)	15' 30' Light brown, silt-sand mixture
4. FACILITY- is the name of the business where the well is located.	
FACILITY ID #(if applicable)	
NAME OF FACILITY Chronicle Mills	
STREET ADDRESS 96 East Catawba Street	
Belmont NC	
City or Town State Zip Code	
CONTACT PERSON_Ed Sanz	
MAILING ADDRESS_Post Office Box 651	
Belmont NC 28012	11. REMARKS:
City or Town State Zip Code	
(704) - 578-8088	
Area code - Phone number	I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH
5. WELL DETAILS:	15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER
a. TOTAL DEPTH: 30'	1/2 SM 3/27/12
b. DOES WELL REPLACE EXISTING WELL? YES NO Z	SIGNATURE OF CERTIFIED WELL CONTRACTOR DATE
c. WATER LEVEL Below Top of Casing: -24.81 FT.	Michael T. Stanforth
(Use "+" if Above Top of Casing)	PRINTED NAME OF PERSON CONSTRUCTING THE WELL



Gastonia

1. WELL CONTRACTOR: Michael T. Stanforth Well Contractor (Individual) Name Excel Civil & Env Assoc Well Contractor Company Name

City or Town

SITE WELL ID #(if applicable)_ STATE WELL PERMIT#(if applicable)_

Irrigation Other (list use) DATE DRILLED 3/26/12 TIME COMPLETED 1600

96 East Catawba Street

attached to this form if not using GPS) 4. FACILITY- is the name of the business where the well is located.

STREET ADDRESS 96 East Catawba Street

MAILING ADDRESS Post Office Box 651

c. WATER LEVEL Below Top of Casing: _

NAME OF FACILITY Chronicle Mills

TOPOGRAPHIC / LAND SETTING: □Slope □Valley 27 Flat □Ridge □ Other (check appropriate box) 35.252924D

LONGITUDE -81.034069D

FACILITY ID #(if applicable)

CONTACT PERSON_Ed Sanz

578-8088_ر_

Area code - Phone number

3. WELL LOCATION: CITY: Belmont

LATITUDE

Belmont

Belmont

5. WELL DETAILS:

704

City or Town

City or Town

a. TOTAL DEPTH:___

853-0800 ر 704 Area code- Phone number 2. WELL INFORMATION:

STREET ADDRESS 625 Huntsman Court

NC

State

WELL USE (Check Applicable Box) Monitoring Z Municipal/Public -Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐

(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

Latitude/longitude source: GPS ZTopographic map (location of well must be shown on a USGS topo map and

NC

State

NC

30'

(Use "+" if Above Top of Casing)

b. DOES WELL REPLACE EXISTING WELL? YES NO Z

State

DWQ or OTHER PERMIT #(if applicable) 11683

NonResidential well construction record

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION#

28054

MW-4

AM D PM D

May be in degrees.

minutes, seconds or

in a decimal format

Zip Code

28012

Zip Code

_ COUNTY Gaston

Zip Code

ION#	2	525		_	
*Top of c	asing termir	nated at/o	or below las	Above Land S nd surface m AC 2C .0118	ay require
-			='	Amount _	
g. WATER					
			From	To	
	To_			10 To	
	To				
			ridii	To	
6. CASING:	Depth	5' Fi	Diameter 2"	Thickness Weight Sch40	Material
From	To				
	To				
7. GROUT:	•		Materia		Method
From 0	To1	<u>3' </u>	Neat Cer	nent	Tremmie
	<u>l'</u> To <u> </u>				Tremmie
Fram	То				
8. SCREEN	•			Stat Size	
From15	' To3	0'Ft	in.	Sch40 in.	PVC_
From	<u>T</u> o	Ft	in.	in.	 .
From	To	Ft	in.	in.	
Depti			-	Materia	
				Quart	
From	To	Ft.			
10. DRILLING	LOG				
	Γo ••	A	Formation	on Descript	ion
0'	15'			Stone	
15'				je, silt-clay n ilt-sand mixt	
10_	<u> </u>	Ligit	t Diowii, 3	iit-sand mixt	
		_			
					
		_	-		
I1. REMARKS					
DO HEREBY CER ISA NCAC 2C, WE RECORD HAS BEE	LL CONSTRUC	ATS NOTE	NDARDS, AN		
M.	50 Ir	of			3/27/12_
GNATURE C	F CERTIFI	ED WEL	L CONTR	ACTOR	DATE
	Micha	el T. Sta	anforth		

PRINTED NAME OF PERSON CONSTRUCTING THE WELL

- 23.00 FT.

SOILS DISPOSAL MANIFESTS

35% 1.5 FBM () 1.531

Environmental Soils Inc.

PO Box 295 • Lattimore, NC 28089 Phone 704-434-0075 • Fax 704-434-9533

Non-Hazardous Waste Manifest # 31037

Date	1 4	Load N	lumber	<u>कराः।</u>
•		(numbe	red sequentially as t	trucks are dispatched)
ENVIRONMENTA	IL CONSULTANT:	TERRY		<u>-</u>
Contact:			048 - 1810	Fax: Programme
GENERATOR:	J	hand to	1) : (Fea.	~ \
Address: _ 96	Cob ba	Storet, R.	An art NX	County: (
Contact:	5-1 8-30 A	10-4-51 GG- 1	= c. c.	Phone: 304 Y58 5455
WASTE ORIGINA				
	ale Kartal	- Same	M. Joursha	C
Class & Type of Co	ntaminate in soil	Union P.	·\	
SOURCE OF CON	TAMINATION: (ex	. UST or other sour	ce) Salle	
8240 and 8270) veri normally appear in a	fying that the waste i nalysis of virgin petr y that I am familiar	in question does not c roleum product resid: with the source of con	ontain organic const ie, I am submitting i itamination of the so	f submitting analytical data (methods ituents other than those which would this Certificate of Waste il and further certify the source, to
Generators Signatur	e: 5			Date: 13 1 2 2 1 2 2
TRANSPORTER:	25-6 de 14-			
Contact:	Congression.	- 	Phone:	N 8 C 30 8 20 11
manifest are properly	classified, packaged regulations governing	d, labeled, secured, a	nd are in proper con	nis non-hazardous materials adition for transport in commerce his material for delivery to the
TRUCK #:	172	TAG #:	v	OLUME: 7920 - 3.96
TRUCK DRIVER S	SIGNATURE:			DATE: LIBOUR
DESTINATION:	Environmental So Site Permit #SR03		Rd, Shelby, NC 28	3150 Dedicated Land Application
I certify that the carr for treatment and/or Facility Signature: Signature: Company Name	disposal in a manne			Date: 4/30/12————————————————————————————————————
White/Facility	Canary	/Invoice	Pink/Carrier	Goldenrod/Generator

ENAIRONMENTAL SOILS

M946:8 800S 4S IUC

1.9

EES6464407

ENVIRONMENTAL SOILS, INC.

P.O. BOX 295 LATTIMORE, N.C. 28089 704-434-0075

NON-HAZARDOUS PETROLEUM CONTAMINATED SOIL

APPROVAL#	MANIFEST	#
LOCATION OF SOIL: 96	Catawba Street	(Excel Env)
_Se	Lorent, NC	
TRANSPORTER: ECE	Α-	
6251	Andrew Ct, Crest	come 10 = 502 A
TIME:	TRUCK#	GROSS WT. <u>1982</u> LBS.
DATE: 4/36/1C	LICENSE #	TARE WTLBS.
DRIVER SIGNATURE		NET WT7720 LBS.
TIME:	TRUCK #	GROSS WTLBS.
		TARE WTLBS.
TIME:		GROSS WTLBS.
DATE:	_ LICENSE #	TARE WTLBS.
DRIVER SIGNATURE		NET WTLBS.
TIME:	TRUCK #	GROSS WTLBS.
DATE:	LICENSE #	TARE WTLBS.
DRIVER SIGNATURE		LBS.
		TOTAL NET WT. 7,920
	•	TOTAL EQUIV-TONS 3.96
NSPECTED & ACCEPTED BY E	9	
SUPERVISOR'S SIGNATURE _	/ ay Jan	lery.

ENVIRONMENTAL SOILS, INC.

P.O. BOX 295 LATTIMORE, N.C. 28086-0489 704/434-0075 (704) 434-9533 FAX

Job Name: _	
	00/
Truck#	00,
Gross Wgt.:	
Tare Wgt:	11900 16 TURE
	11:4480 04/30/2012
Net Wgt.:	
Tons:	NORTH CAROLINA PUBLIC WEIGHMASTER
Woighod by	LICENSE EXPIRES JUNE 30, 2012 RAYTOWERY 31768
Weighed by: _	INVAKID UNLESS SIGNED

...

P.O. BOX 295
LATTIMORE, N.C. 28086-0489
704/434-0075
(704) 434-9533 FAX

•	704/434-0075 (704) 434-9533 FAX
Job Name: _	<u> </u>
Truck#	. 001
Gross Wgt.:	-6KQSS 19820 lb
	!1:35AM 04/30/2012
Tare Wgt:	
Net Wgt.:	
	Normalinano
Tons:	NORTH CAROLINA PUBLIC WEIGHMASTER
Weighed by:	LICENSE EXPIRES JUNE 30, 2012 RAY TOWERY 31768